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AGRICULTURE HANDBOOK NO. 116

1963-64

WORKERS IN SUBJECTS
PERTAINING TO AGRICULTURE
IN LAND-GRANT COLLEGES
AND EXPERIMENT STATIONS

Cooperative State Research Service

UNITED STATES DEPARTMENT OF AGRICULTURE

Washington, D.C.

March 1964

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UNITED STATES DEPARTMENT OF AGRICULTURE
Washington, D. C.

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KEY TO ABBREVIATIONS*

Acct(s)	Account(s), Accountant, Accounting	Endocrinol	Endocrinologist, Endocrinology
Actg	Acting	Engin	Engineer, Engineering
Admin	Administration, Administrative	Engl	English
Adminr	Administrator	Enol	Enologist, Enology
Adv	Adviser(s)	Ent	Entomological, Entomologist, Entomology
Agr	Agricultural, Agriculture, Agriculturist	Epidem	Epidemiologist
Agron	Agronomist, Agronomy	Equip	Equipment
Agrostol	Agrostologist, Agrostology	ERS	United States Economic Research Service
Agt(s)	Agent(s)	Eval	Evaluation
AMS	United States Agricultural Marketing	Exec	Executive
	Service	Exp	Express
Anal	Analyses, Analysis, Analyst, Analytical	Expt	Experiment(s), Experimental,
Anat	Anatomist, Anatomy	LAPE	Experimentalist
Anim	Animal(s)	Ext(s)	Extension(s)
Apic	Apiculture, Apiculturist	Fam	Family
Arch	Architect, Architectural, Architecture	Fed	Federal
ARS	United States Agricultural Research	Fert	Fertility, Fertilizer
	Service	Flor	
Assoc	Associate, Association(s)	1 101	Floricultural, Floriculture, Floriculturist
Asst	Assistant	For	
Aud	Audio, Auditor	FS	Forest, Forester, Forestry
Bact	Bacteriologist, Bacteriology	Ft	United States Forest Service Fort
Biochem	Biochemical, Biochemistry	Gard	
Biol	Biological, Biologist, Biology	Gen	Garden, Gardener, Gardening
Biomet	Biometric(s), Biometrical, Biometrician,	Genet	General Countries
	Biometry		Geneticist, Genetics
Biophys	Biophysics	Geog	Geography
Bldg(s)	Building(s)	Geol	Geological, Geologist, Geology
Bot	Botanical, Botanist, Botany	Govt	Government
Br	Bronch	Grad	Graduate
Brdg	Breeding	HEW	United States Department of Health,
Brdr	Breeder	TT:	Education, and Welfare
Bul	Bulletin	Hist	History
Bur	Bureau	Histol	Histologist, Histology
Bus	Business	Hort	Horticultural, Horticulture,
Certif	Certificate, Certification	77 1	Horticulturist
Chanc	Chancellor	Husb	Husbandman, Husbandry
Chem		Нуд	Hygiene, Hygienist
Chem	Chemical(s), Chemist, Chemistry Charge	Illus	Illustration, Illustrative, Illustrator
Chmn	Chairman	Immunol	Immunologist, Immunology
Citric		Impr	Improvement(s)
Civ	Citriculture, Citriculturist	Indus	Industrial, Industries, Industry
Climatol	Civil	Inform	Information, Informationist
Clin	Climatologist, Climatology	Insp	Inspection, Inspector(s)
Clk	Clinic(s) Clinical, Clinician	Inst(s)	Institute(s), Institution(s), Institutional
Col	Clerk	Instr	Instruction, Instructor
Collab	College	Int	Interior
Com	Collaborating, Collaborator	Internatl	International
Commun	Commercial	Introd	Introduction
Comn	Communication(s)	Invest	Investigation(s), Investigational,
	Commission		Investigator
Compar	Comparative	Irrig	Irrigation, Irrigationist
Conf	Conference(s)	June	Junction
Conserv	Conservation, Conservationist	Lab(s)	Laboratories, Laboratory
Consult	Consultant, Consulting	Landsc	Landscape
Consum	Consumer	Lect	Lecturer
Cont	Continuing	Libr(s)	Librarian, Libraries, Library
Coop(s)	Cooperation, Cooperative(s), Cooperator	Limnol	Limnology
Cult	Culture, Culturist	Mach	Machine(s), Machinery
Cytogenet	Cytogeneticist, Cytogenetics	Mater	Material(s)
Cytol	Cytologist, Cytology	Math	Mathematical, Mathematician
Demon(s)	Demonstration(s), Demonstrator		Mathematics
Dep	Deputy	Mech	Mechanical, Mechanics, Mechanization,
Dept(s)	Department(s)		Mechanized
Devlpmt	Development	Med	Medical, Medicine
Dir	Director(s)	Met	Meteorologist, Meteorology
Dis	Disease(s)	Mfg	Manufacturing
Dist	District	Mfr(s)	Manufacture(s), Manufacturer
Distrib	Distribution, Distributive, Distributor	Mgr	Manager
Div	Division	Mgt	Management
Drain	Drainage	Microbiol	Microbiologist, Microbiology
Ecol	Ecological, Ecologist, Ecology	Micros	Microscopist
Econ	Economic(s), Economist, Economy	Mkt(s)	Market(s)
Ed	Editor, Editorial	Mktg	Marketing
Educ	Education, Educational, Educator	Morphol	Morphologist, Morphology
Elec	Electric, Electrical, Electrification	Mt	Mount, Mountain
Elem	Elementary	Mycol	Mycologist, Mycology
Embryol	Embryology		

KEY TO ABBREVIATIONS*-(Continued)

Natl National Nematologist, Nematology Nematol Nutr Nutrition, Nutritionist Obstet Obstetrical, Obstetrics Occup Occupational Off Office, Officer(s)

Oler Olericulture, Olericulturist Operating, Operation(s), Operator Oper

Organ Organization(s) Ornam Ornamental(s) Ornith

Ornithologist, Ornithology Parasitol Parasitologist, Parasitology Path Pathological, Pathologist, Pathology

Per Periodical Pers Personnel

Pharm Pharmaceutical, Pharmacist, Pharmacy Pharmacol Pharmacologist, Pharmacology Photog Photographer, Photography Phys Physical, Physicist, Physics

Physiol Physiological, Physiologist, Physiology Phytopath Phytopathologist, Phytopathology Phytophysiol Phytophysiologist, Phytophysiology

PO Post Office Pomol

Pomological, Pomologist, Pomology Pract Practical, Practice(s)

Pres President Preserv Preservation Prev Preventive Prin Principal

Proc Process(es), Processing Prod(s) Product(s), Production Prof Professional, Professor

Prog Program(s) Proi Project(s)

Psychol Psychological, Psychology

P+ Point Pub(s) Publication(s) Radiobiol Radiobiology Radiochem Radiochemistry Radiol

Reg Registrar Relat Related, Relations, Relationships

Res Research, Researcher

Rpt(s) Report(s) Rte Route

Sanit Sanitarian, Sanitary, Sanitation

Sch School

Science(s), Scientific, Scientist United States Soil Conservation

Service

Secon Secondary Sect(s) Section(s) Secy Secretary

Serol Serologist, Serology Serv Service(s)

Silviculture, Silviculturist Sociologist, Sociology Spec Special, Specialist(s) St Saint

Sta(s) Station(s)

Statistical, Statistician, Statistics Statis Stud Student(s)

Subi Subject Substa(s) Substation(s) Supt Superintendent Supvr Supervisor, Supervisory Sura Surgeon, Surgery Survey, Surveyor Surv Syst System, Systematist Taxonomist, Taxonomy Taxon Tech Technical, Technician(s) Technol Technologist, Technology

Tel Telephone Telea Telegraph Ther Therapy Toxicol

Toxicologist, Toxicology Treas Treasurer

TV Television TVA Tennessee Valley Authority

Univ University

USDA United States Department of Agriculture United States Department of Commerce USDI United States Department of the Interior USPHS United States Public Health Service

Util Utilities, Utility, Utilization Vegetable(s), Vegetation Veterinarian, Veterinary Veg Vet Virologist, Virology Virol

Vis Visual

Vitic Viticultural, Viticulture, Viticulturist

Vocat Vocational

YMW

Young Men and Women Zoological, Zoologist, Zoology Zool

Zoophysiol Zoophysiology

*This list is not complete. New abbreviations are added each year by various schools, and it is impossible, in the time available for producing each Directory, to detect all new abbreviations and add them to the list.

PREFACE

The following explanations apply throughout the

Subject-matter workers in extension are generally shown under the respective department or division of the college.

Certain institutions use the academic title for experiment station workers as well as for personnel engaged solely as teachers.

Corrected to November 15, 1963. Published since

COOPERATIVE STATE RESEARCH SERVICE

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R J SAVILLE PhD Mktg Crops
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P N JORANSON PhD For
D R KING PhD Ent
A J LOUSTALOT PhD Plant Physiol
E R McGOVRAN PhD Ent
O R NEAL PhD Soil Sci
A S NEWMAN PhD Soil Sci
D Y PERKINS PhD , Hort Veg Crops
B C REYNOLDS BSEE Agr Engin
P E SCHLEUSENER PhD Agr Engin

Utilization, Human Nutrition, and Consumer Use Programs 8 R G GARNER PhD Dir E N BOYD PhD Dairy Technol MARY B MINDEN PhD Home Econ H J SOUDERS PhD Human Nutr

NOTE

To locate an individual: 1. In index, find name, code numerals, and State or Territory where employed. 2. Find State or Territory listing of names (see headings at top of each page). 3. Use code numerals beside name in index to locate individual's department in State or Territory list (use code numerals at top of each page as guide). 4. Individual is listed in department with same code numerals as those beside name in index.

WORKERS IN LAND-GRANT COLLEGES AND EXPERIMENT STATIONS

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Schools of Agriculture, Home Economics, and Veterinary Medicine, the Agricultura. Experiment Station, and the Agricultural Extension Service of Auburn University, Auburn

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

123R B	DRAU	GHON	LLD	Pres
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50 L BENNETT MS Res Soil Sci (PO Thorsby) 2F E BERTRAM BS Field Supt (PO Prattville)

3M D BOND MS Peanut and Soybean Spec

24L J CHAPMAN MS Instr Crops
2J T COPE Jr PhD Prof Agron in Chg of Expt Fields

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12E D DONNELLY PhD Prof Plant Brdg

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12R M PATTERSON PhD Assoc Prof Crops

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3W F SOWELL PhD Soils Spec 12D G STURKIE PhD Prof Crops

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2H L WEBSTER BS Instr Crops

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2C H CLARK DVM PhD Assoc Head of Dept
2H D ALEXANDER PhD Assoc Prof Anim Nutr
2D R FARNELL DVS MS Assoc Prof Anim Path and

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Animal Science

20

30

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50

60

70

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2C M STOKES MS Assoc Prof Power and Mach	
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12C H MOORE PhD Head of Dept	Zoology-Entomology 220
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Research Data Analysis , 200 2B F ALVORD MS Prof Statis	3J R BUTTRAM PhD Ent
	2T D CANERDAY MS Instr Ent
eterinary Medicine 210	12J S DENDY PhD Prof Invert Zool and Limnol 1J L DUSI PhD Prof Mammal and Ornith
1J E GREENE DVM MS Deam of Sch 1R A ALBERT DVM Instr Surg and Med (Small Anim)	12W G EDEN PhD Prof Econ Ent
1H D ALEXANDER PhD Assoc Prof Physiol and	1H G GOOD PhD Prof Ent and Taxon
Pharmacol	12G N GREENE MS Instr Fisheries and Zool 12K L HAYS PhD Assoc Prof Ecol and Med Ent
1Mrs MARGARET ALFORD MS Instr Bact 14Mrs MARIE H ATTLEBERGER DVM MS Assoc Prof	1S B HAYS PhD Assoc Prof Ecol and Med Ent
Bact Bact	2L L HYCHE MS Assoc Prof For Ent
1W S BAILEY DVM ScD Res Prof Path and Parasitol	12W D IVEY PhD Assoc Prof Genet and Embryol
1R E BARNHART DVM Instr Path and Parasitol	1A S JOHNSON III MS Instr Zool and Wildlife 3E F KENNAMER MS Spec in Wildlife
1M J BURNS PhD Prof Physiol and Pharmacol 1D J CABRERA DVM LLD Res Assoc Path and	1Mrs FAYE B LAWRENCE MS Asst Prof Zool
Parasitol	12J M LAWRENCE PhD Prof Fisheries (Aquatic Weeds)
1C H CLARK DVM PhD Head Prof Physiol and	3R J LEDBETTER MS Ent
Pharmacol 1R M CODY PhD Asst Prof Bact	1J S MECHAM PhD Assoc Prof Vertebrate Ecol and Herpet
14R P CRAWFORD DVM MS MPH Assoc Prof Bact	3H F McQUEEN BS Survey Ent
1D L DIAMOND DVM MVSc Asst Prof Path and Parasitol	1KENNETH OTTIS PhD Prof Physiol and Endocrinol
1NH EUBANK DVM Instr Path and Parasitol	1A M PEARSON PhD Prof Wildlife · 25D A PORTER ScD Res Lect
	TO THE OWNER OF THE PARTY

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20-300	Vieneme-Vies
Zoology-Entomology—Continued	Substations—Continued
12E E PRATHER MS Assoc Prof Fisheries	2J G STARLING BS Asst Supt
12E W SHELL PhD Asst Prof Fish Nutr	
12J P SHOEMAKER MA Instr Parasitol	Alabama Agricultural and Mechanical College, Norma
2R O SMITHERMAN MS Instr Fisheries	1College Staff 4Leave of Absence
2D W SPEAKE MS Asst Leader Coop Wildlife Res Unit-	2
Wildlife Ecol 12H S SWINGLE ScD Prof Fisheries	R D MORRISON PhD Pres
2T F WATSON PhD Asst Prof Ecol and Ent	W S EDMONDS PhD Deam of Col
TI WILLOUT IN THAT I TOU LOOK WILL DIE	C B FANCHER PhD Dir of Grad Studies
Aiscellaneous 230	WINFRED THOMAS PhD Actg Chmn of Div of Agr
3ANN BARR BS State 4-H Club Ldr for Girls	1Mrs EVA W ADAMS MS Home Econ
12C H CANTRELL PhD Dir of Librs	1W E BOOKER BS Anim Husb
3R R CLARK MS Spec Rural Resource Devlpmt	1L W BONNER EdD Teacher Trainer 1V M CHAMBERS PhD Biol
3S M EICH Jr BS Spec Rural Resource Devipmt (Box	1B H CONLEY MSLS Libr
538 Decatur) 3JOHN ELLIOTT Jr BS Dist Prog Spec (PO Pell City)	14Mrs FANNIE R COOLEY MS Home Econ
3JOE GIVHAN BS Spec Rural Resource Devlpmt (3050	1L L CRUMP MS Agr Engin
Spring Hill Avenue Mobile)	1MOZELLE J DAVIS MS Home Econ
3A C HEASLETT MS Spec Tributary Area Devlpmt	1CLARICE P DONOHOO MS Home Econ
(PO Athens)	1Mrs DOROTHY J GURLEY MS Home Econ
3R C HORN MS Spec Rural Resource Devlpmt (PO	1Mrs ABIGAIL K HOBSON PhD Chmn of Div of Home
Ozark)	Econ
3H E LOGUE MAgEd State 4-H Club Leader	1W M JOHNSON MS Poultry
3H M MARKS BS Dist Prog Spec (Box 538 Decatur) 3M C MAYFIELD BS 4-H Club Spec	1H W JOYNER MS Hort 1Mrs CHARLOTTE O LEE PhD Biochem
3CARL PARKER BS Spec Rural Resource Devlpmt	1T V MORRIS MS Hort
(PO Fort Payne)	1Mrs ELIZA P PATTON MS Home Econ
12Mrs CAROLINE C PERSONS AB BSLS Sci Bibliog -	1B T WHITE PhD Chem
Libr	
3C H SEGREST MS Spec Rural Resource Devlpmt	
(PO Fayette)	ALASKA
3R L SHERER MS Spec Rural Civ Defense	
3E O STRICKLAND MS Dist Prog Spec	Departments of Agriculture and of Home Economics ar
12SANDOR SZILASSY LLD Head of Sci and Tech Div - Libr	the Cooperative Extension Service of the University of Alaska, College; and the Alaska Agricultural Experiment
3M B TIDWELL MAgr Spec Rural Resource Devlpmt	Station
(PO Selma)	
3D M WALTERS BS Mgt Spec	1College Staff 2Station Staff 3Extension Staff
12W H WEIDENBACH BS Asst to Dean and Dir	5Coop USDA
3W R WILLIAMS MS Test Demon Supvr (PO Athens)	
3B B WILLIAMSON Jr MAgr Dist Prog Spec (PO Livingston)	1W R WOOD PhD Pres
3W E WILSON MAgr Spec Rural Resource Devlpmt	1K M RAE PhD Vice Pres for Res (Tel 907-479-2211)
(PO Ashland)	2A H MICK PhD Dir of Sta (PO Palmer)
	(Tel 907-745-3110)
ubstations 240	tH A BYRD BBA Comptroller
Black Belt PO Marion Junction -	1A H GEORGE BS Asst Comptroller for Res
2L A SMITH BS Supt	(Tel 907-479-2211)
2H W GRIMES Jr MS Asst Supt Chilton Area Hort PO Clanton —	Entension Administration (DO Callery) (Tal 2007 470
2C C CARLTON BS Supt	Extension Administration (PO College) (Tel 907-479- 2211) 27
2K C SHORT BS Asst Supt	13A S BUSWELL PhD Dir of Ext Head Dept of Agr
Gulf Coast PO Fairhope -	Dean Statewide Serv
2H F YATES BS Supt	3W H CHENEY MS Assoc Prof State 4-H Leader
2J E BARRETT Jr BS Asst Supt	3J W MATTHEWS MS State Program Leader
Lower Coastal Plain PO Camden -	3AGNES SUNNELL MS Assoc Prof and State Home
2V L BROWN BS Supt	Demon Leader
2W J WATSON BS Asst Supt North Ala Hort PO Cullman —	Home Economics (PO College) 28
2M H HOLLINGSWORTH BS Supt	Mome Economics (PO College) 1Mrs LUCILLE TROST PhD Prof Head of Dept
Piedmont PO Camp Hill -	IVENA A CLARK MS Assoc Prof Textiles and Clothin
2E L MAYTON MS Supt	IWINIFRED MADSEN BA Super Nursery Sch
2J M SANDY Jr BS Asst Supt	1Mrs ELIZABETH O'KELLEY MS Asst Prof Mgt and
Sand Mountain PO Crossville -	Teacher Training
2S E GISSENDANNER BS Supt	
2H C LESTER BS Asst Supt Tennessee Valley PO Belle Mina -	Alaska Agricultural Experiment Station (PO Palmer
2J K BOSECK BS Supt	Zip 99645)
2H W IVEY II BS Asst Supt	Station Administration (Tel 907-745-3110) 2LLOYD CAVASOS Mgr Col Farm (PO College)
Upper Coastal Plain PO Winfield-	2E G GANSCHOW Admin Off
2W W COTNEY BS Supt	2Mrs KATHLYN PIPPEL Admin Asst
2R A MOORE Jr BS, Asst Supt	
Wiregrass PO Headland -	Research Staff 300
2C A BROGDEN BS Supt	2L D ALLEN BS Instr Agr Engin Farm Structures
2M C SCONYERS BS Asst Supt	2Mrs MARGARET BLOM BS Asst Prof Chem

	Continued

23C I BRANTON BS Agr Engin Power and Mach 2A L BRUNDAGE PhD Assoc Prof Anim Nutr and Dairy Mat

2W E BURTON MS Asst Prof Farm Mat

2C H DEARBORN PhD Assoc Prof Veg Crops

2D H DINKEL PhD Asst Prof Veg Crops
2H J HODGSON PhD Assoc Prof Plant Physiol
2ARVO KALLIO PhD Assoc Prof Veg Crops (PO College)

2L J KLEBESADEL PhD Asst Prof Forage Mgt

2W M LAUGHLIN PhD Prof Soil Fert

5J R LEEKLEY BS Fur Prod (PO Petersburg)
2C E LOGSDON PhD Prof Plant Path

23C F MARSH MS Assoc Prof Mktg Farm Mgt

2P F MARTIN MA Asst Prof Soil Mgt

2N E MICHAELSON MS Asst Prof Soil Phys Irrig 2W W MITCHELL PhD Asst Prof Plant Taxon Ecol

2W P SPENCER MS Instr Econ Mktg 23W J SWEETMAN MS Prof Anim Indus

2R L TAYLOR MS Assoc Prof Cereals

2R H WASHBURN PhD Assoc Prof Ent

2A C WILTON MS Asst Prof Forage Brdg

ARIZONA

College of Argiculture, the Agricultural Experiment Station, and the Agricultural Extension Services of the University of Arizona, Tucson

1College staff 2Station staff 3Extension staff 4Leave of Absence 5Coop USDA

310

1R A HARVILL PhD Pres of Univ (Tel 624 8181) 12H E MYERS PhD Deam of Col of Agr (Tel 6248181) 12R K FREVERT PhD Dir of Sta (Tel 624 8181) 12Mrs RUTH C HALL PhD Dir of Sch of Home Econ (Tel 624 8181)

13G E HULL PhD Dir of Agr Ext Serv (Tel 624 8181) 12D F McALISTER PhD Asst Dir of Sta (Tel 624 8181) 12D S METCALFE PhD Dir of Res Instrand Asst Dir

of Sta (Tel 624 8181)

1K R MURPHY BS Comptroller and Treas (Tel 624 8181) 1D L PATRICK PhD Coordinator of Res for Univ (Tel 624 8181)

Agronomy

320

12D F McAlister PhD Prof and Head of Dept

5H F ARLE MS Collab Weed Control (PO Tempe)

2C F BERNHARD MS Res Assoc Seeds

12R E BRIGGS PhD Assoc Prof Crop Mgt Cotton 2F M CARASSO MS Asst in Res Field Crops (PO Yuma)

12A D DAY PhD Prof Small Grain Brdg

3R E DENNIS PhD 'Ext Field Crops
5N W GILBERT MS Collab Crop Mgt Safflower (PO Mesa)

12K C HAMILTON PhD Prof Weed Control

2E B JACKSON PhD Assoc Agron Crop Mgt (PO Yuma)
12W R KNEEBONE PhD Prof Grass Brdg 5D G LORANCE BS Collab Field Crops (PO Mesa)

12M A MASSENGALE PhD Assoc Prof Pasture and Forage Crops Physiol

12D S METCALFE PhD Prof

2L L PATTERSON MS Res Assoc Crop Mgt Cotton (PO Tempe)

15R T RAMAGE PhD Prof Genet and Cytol Barley

3H E RAY PhD Ext Field Crops Cotton

12D D RUBIS PhD Assoc Prof Oilseed Crop Brdg

12M H SCHONNORST PhD Assoc Prof Alfalfa Brdg

2R K THOMPSONMS Res Assoc Field Crops (PO Mesa)

2P A TILT BS Asst in Res Field Crops (PO Yuma) 15NEAL WRIGHT PhD Prof Grass Brdg

Animal Pathology

12W J PISTOR DVM Prof and Head of Dept

2C D BEAVERS Asst in Anim Path Cytopathology 2J D CRAMER BS Asst in Res Cytopathology 12L W DEWHIRST PhD Prof Parasitol

2H G ERLING BS Res Assoc Bact (PO Mesa)

2H W KULLER DVM Asst Anim Path Clin Med

12R E REED DVM Prof Histopathology and Expt Path 2N W ROKEY DVM Anim Path Histopathology and Expt Path (PO Mesa)

2R J TRAUTMAN MS Asst Anim Path Bact

2R E WATTS DVM Assoc Anim Path Clin Med

Animal Science

12B R TAYLOR PhD Prof and Head of Dept

2J L DIVINE BS Asst in Anim Sci Beef Catale

2B J GREIMAN PhD Asst Anim Sci Beef Cattle

12W H HALE PhD Prof Anim Nutr

12F E HUBBERT Jr PhD Assec Prof Anim Nutr

2J F KIERNAT BS Asst in Res Beef Cattle

2J O KUHN BA Res Assoc Beef Cattle (PO Yuma) 3A M LANE BS Ext Beef Cattle

120 F PAHNISH PhD Assoc Prof Anim Genet 12C B ROUBICEK PhD Prof Anim Genet

1E B STANLEY MS Prof Sheep

Biochemistry (Agr)

340

12A R KEMMERER PhD Prof and Head of Dept 2Mrs JULIA P BAILEY BS Asst in Res Histopathology

2J W BERRY PhD Assoc Agr Biochem Organic Chem 2MILAN BIER PhD Visiting Res Prof Enzyme Chem 2Mrs JEAN B CUBBERLY BS Asst in Res Tissue

Culture 12A J DEUTSCHMAN Jr PhD Organic Chem and Carbohydrates and Fats

2MARGARET L DOORLY Asst in Res Tissue Cult

2K C GOODNIGHT BS Res Assoc Anim Nutr 25B W HEYWANG MS Agr Biochem Nutr Poultry

2Mrs EL.IZABETH G HORVATH BS Organic Chem

12H W KIRCHER PhD Assoc Prof Organic Chem and Carbohydrates and Fats

12W F McCAUGHEY PhD Assoc Prof Intermediary Metabolism

2KAORU MATSUDA PhD Res Assoc Plant Genet 2E T SHEEHAN BS Res Assoc Anim Nutr

2TOSHISADA SHIMADATA PhD Asst Agr Biochem Organic Chem

12ALBERT SIEGEL PhD Prof Plant Genet

12Mrs ALICE B STANFIELD MS Assoc Prof Tissue Cult 2C A L STEPHENS Jr MD Visiting Res Prof Tissue

12M C VAVICH PhD Prof Anim Nutr

2MILTON ZAITLIN PhD Assoc Agr Biochem Plant Genet

Botany

360

12G A GRIES PhD Prof and Acting Head

5W L EHRLER PhD Collab Plant Physiol (PO Tempe) 1A T ELLIS MS Instr Genet

5J L GARDNER PhD Collab Ecol

12R M HARRIS PhD Assoc Prof Genet 1R W HOSHAW PhD Prof Phycology

2Mrs LEONAM HUBBARD Asst in Bot Taxon

5D R KINCAID MS Collab Ecol

1E B KURTZ Jr PhD Assoc Prof Plant Physiol 12C T MASON Jr PhD Prof Taxon

1R S MELLOR PhD Asst Prof Plant Physiol

12J W O'LEARY PhD Asst Prof Plant Physiol 12W S PHILLIPS PhD Prof Plant Anat

WILLARD VAN ASDALL PhD Asst Prof Ecol

Chemistry (Agr) and Soils

370

5

12W H FULLER PhD Prof and Head of Dept 2J L ABBOTT BS Asst Agr Chem Soil Fert (PO Tempe)

3L R AMBURGEY MA Ext Soil Mgt 2SHIRLEY M BOSMA Asst in Agr Chem Soil Chem

Chemistry (Agr) and Soils—Continued	Engineering (Agr) 430
12S W BUOL PhD Asst Prof Soil Genesis Classif	12K K BARNES PhD Prof and Head of Dept
Mineralogy	5HERMAN BOUWER PhD Collab Soil and Water (PO
2E W CARPENTER BS Asst in Agr Chem Soil Fert	Tempe)
2L R COOPER Collab Soil Fert	5K J BRUST BS Collab Soil and Water (PO Tempe)
2G E DRAPER MS Asst Agr Chem Soil Chem 2D D EVANS PhD Prof Soil Phys	12C D BUSCH PhD Assoc Prof Soil and Water 12M D CANNON MS Assoc Prof Power and Mach (PO
5L J FRITSCHEN PhD Collab Soil Chem (PO Tempe)	Tempe)
2B R GARDNER PhD Asst Agr Chem Soil Fert	5L J ERIE MS Collab Soil and Water (PO Tempe)
12R J HANNAPEL PhD Asst Prof Soil Chem	5G W FRASIER BS Collab Soil and Water (PO Tempe)
5Y H HAVENS BS Collab Soil Classif and Mapping	12R K FREVERT PhD Prof
5R J JACKSON PhD Collab Soil Phys (PO Tempe)	12K R FROST MS Prof Power and Mach
12R H MAIER PhD Prof Soil Chem and Plant Physiol	2W S GOLDTHWAITE Jr BA Asst in Agr Engin Power
2T W McCREARY BS Res Assoc Soil Chem	and Mach (PO Tempe)
2T H McINTOSH PhD Asst Phys Chem Soil Bact	2R O HAGEMAN Asst in Agr Engin Power and Mach
5F S NAKAYAMA PhD Collab Soil Chem (PO Tempe) 5R J REGINATO MS Collab Soil Phys (PO Tempe)	(PO Mesa)
5H A SCHREIBER PhD Collab Soil Mech	3A D HALDERMAN MS Ext Soil and Water 2B L HARRIOTT MS Asst Agr Engin Power and Mach
12H V SMITH MS Prof Soil Mgt	5KARL HARRIS MA Collab Soil and Water (PO Phoenix)
15C O STANBERRY PhD Prof Soil Chem and Plant	5C L JENSON MS Collab Soil and Water (PO Tempe)
Physiol	5R V KEPPEL MS Collab Soil and Water
2J L STROEHLEIN PhD Asst Prof Soil Fert	2W L KERN . Asst in Agr Engin Power and Mach
12T C TUCKER PhD Prof Soil Fert	3W E LARSEN MME Ext Power and Mach
2FRED TURNER Jr PhD Assoc Agr Chem Soil Fert	2W G MATLOCK MS Res Assoc Soil and Water
(PO Safford) 5C H M VAN BAVEL PhD Collab Soil Phys (PO Tempe)	SL E MYERS MS Collab Soil and Water (PO Tempe)
2D W VOMHOF BA Asst in Res Soil Chem	5H B OSBORN CE Collab Soil and Water 5C D OWENS MS Collab Elec Power and Proc
as a rounted by host miles out offen	5K G RENARD MA Collab Soil and Water (PO
tate Chemist's Office (PO Mesa) 380	Tombstone)
2FLOYD ROBERTS BS State Chem Fert and Pesticides	5R C RICE BS Collab Soil and Water (PO Tempe)
2W S DRAKE Insp Fert and Pesticides	12H C SCHWALEN MS CE Prof Soil and Water
2E F MALONE Insp Fert and Pesticides (PO Somerton)	2R J SHAW BS Asst Agr Engin Soil and Water
2C E O'HARROW Dep Adminr Fert and Pesticides	12H N STAPLETON MS Assoc Prof Farm Mach
2CLEMENS OLSEN BS Chem Fert and Pesticides	3W T WELCHERT BS Ext Farm Structures
2H P SILVERMAN BA Asst Chem Fert and Pesticides	12FRANK WIERSMA MS Assoc Prof Farm Structures
Piary Science 390	Entomology 440
12G H STOTT PhD Prof and Head of Dept	12L A CARRUTH PhD Prof and Head of Dept
2W H BROWN PhD Assoc Prof Anim Nutr	2E J APPLE MS Res Assoc Pesticides
2R L CURNUTT BS Asst in Res Bact	50 L BARNES MS Collab Forage Insects (PO Mesa)
12F E NELSON PhD Prof Food Proc	5G T BOTTGER BS Collab Cotton Insects
12J W STULL PhD Prof Dairy Technol	5R W BRUBAKER MS Collab Veg Insects (PO Mesa)
2R R TAYLOR BS Mgr Milk Proc Dairy Proc	12G D BUTLER Jr PhD Assoc Prof Nonchem Insect
3W R VAN SANT BS Ext Dairy Prod	Control
conomics (Agr) 400	2W P CAHILL Jr BA Res Assoc Pesticides 3D G FULLERTON MS Ext Survey Ent (PO Phoenix)
12J S HILLMAN PhD Prof and Head of Dept	2P D GERHARDT PhD Ent Veg Field Crops Citrus
12R C ANGUS PhD Assoc Prof Mktg	Insects (PO Mesa)
5C C CABLE Jr MS Collab Cotton Mktg	50 A HILLS MS Collab Veg Insects (PO Mesa)
3G W CAMPBELL Jr PhD Ext Policy	5M D LEVIN PhD Collab Apic
3C D EDMOND PhD Ext Farm Mgt	5F V LIEBERMAN BS Collab Forage Insects
3R O FARRISH PhD Ext Mktg	5S E McGREGOR MS Collab Apic
12R S FIRCH MS Asst Prof Mktg 2J S HILL M S Res Assoc Mktg	3LEON MOORE MS Ext
12M M KELSO PhD · Prof Land Econ	5N J NERNEY Collab Forage Insects (PO Mesa) 5M W NIELSON PhD Collab Forage Insects (PO Mesa)
12W E MARTIN PhD Assoc Prof Farm Mgt	2MARTHA L NOLLER BS Asst in Ent Taxon
12E L MENZIE PhD Assoc Prof Mktg and Policy	12W L NUTTING PhD Prof Insect Physiol
12A G NELSON PhD Prof Farm Mgt	5RAYMOND PATANA BS Collab Cotton Insects
5W W PAWSON MS Collab Farm Mgt	2Mrs JUDITH P PERCIOUS Asst in Ent Pesticides
12T M STUBBLEFIELD PhD Assoc Prof Mktg	3J N RONEY PhD Ext (PO Phoenix)
2A G TIJORIWALA MBA Res Assoc Resource Econ	5L W SHEETS Collab Cotton Insects (PO Tempe)
5C A WILMOT PhD Collab Cotton Mktg	5L N STANDIFER PhD Collab Apic
2R A YOUNG PhD Asst Agr Econ Resource Econ	5ADAIR STONER MS Collab Cotton Insects
ditorial 410	2DM TUTTLE PhD Assoc Ent Crop Pests (PO Yuma) 2G P WENE PhD Assoc Ent Cotton Insects (PO Tempe)
23G W ALSTAD MS Chief Ed Agr Inform	12F G WERNER PhD Prof Taxon
2JOHN BURNHAM BA Expt Sta Ed	12J M WITT PhD Assoc Prof Toxicol and Pesticides
3J H McCLELLAND BJ Ext Inform Spec	15A W WOODROW PhD Prof Apic
3B C NAPIER BA Ext Inform Spec	
	Extension Administration 450
ducation (Agr) 420	3G E HULL PhD Dir
12R W CLINE PhD Prof and Head of Dept	3H R BAKER MS Asst Dir
3G E HULL PhD Prof 3K S OLSON PhD Prof	3K S OLSON PhD State Prog Leader 3JEAN M STEWART MA State Leader of Home Econ
12J R WILLIAMS PhD Assoc Prof	3G P WRIGHT MA State Leader of 4-H Club Work
	The state of the state of the state work

Arizona 460 - 540

Home Economics (School of) 460 Plant Pathology-Continued 12Mrs RUTH C HALL PhD Prof and Dir of Sch 3A D DAVISON PhD 12P D KEENER PhD Prof Mycol and For Dis 2H H McDONALD BS Asst in Res Citrus Dis (PO Yuma) RUTH A ALLEN MS Prof Clothing and Textiles BELIZABETH M BIRONG MS Assoc Prof Clothing and Textiles 2R T McKITTRICK Asst in Res Veg Dis (PO Mesa)
2M R NELSON PhD Assoc Prof Virus Dis 1Mrs ALICE B BOOKS MS Assoc Prof Fam Econ and 2E L NIGH Jr MS Asst Prof Nematol Home Mat 12V A CHRISTOPHERSON PhD Prof Fam Relat
3HELEN L CHURCH MS Ext Clothing
1Mrs MARY A DAVIS BS Lect Educ 5J H O'BANNON MS Collab Nematol (PO Tempe) 2W R ODENBS Asst in Res Citrus Dis (PO Yuma) 5H W REYNOLDS PhD Collab Nematol (PO Tempe) 23E L SHANNON MS Res Assoc Dis Diagnosis
2W J H STONE PhD Asst P1 Path Veg Dis (PO Mesa) 3JUNE C GIBBS MA Ext Nutr 12Mrs HELENM GOETZ MS Asst Prof Fam Econ and 12R B STREETS PhD Prof Root Dis Home Mat 1PAULINE P HALL PhD Assoc Prof Textiles 2MILTON ZAITLIN PhD Assoc Plant Path Virol 1Mrs MILDRED R JENSEN MA Prof Relat Arts TWILMA L JOHNSON MEd Assoc Prof Educ Poultry Science 500 2FAYE C JONES MS Assoc Housing Spec 12B L REID PhD Prof and Head of Dept 2Mrs MARY ANN KIGHT MS Res Assoc Nutr 1BEATRICE KLINE MS Asst Prof Food and Nutr 1BESSIE J RULEY MS Asst Prof Child Devlpmt 5B W HEYWANG MS Collab Nutr (P O Glendale) 12H B HINDS MS Assoc Prof Prod 12B J HULETT PhD Asst Prof Nutr 3F D ROLLINS PhD Ext 1Mrs CATHERINE M SCHOLL MS Asst Prof Food and 2J M THOMAS MS Asst in Poultry Science Nutr 3CORINNE STINSON MS Ext Home Mgt 1Mrs FRANCES STROMBERG MS Assoc Prof Child 510 **Water Utilization** Devlomt 12S D RESNICK MS Prof and Head of Dept 12ETHEL M THOMPSON PhD Prof Nutr 2C B CLUFF MS Asst Hydrologist Water Conserv IMARY ADELE WOOD MS Assoc Prof Food and Nutr 2W J STAGGS Asst in Water Util Hydrology 2L G WILSON PhD Asst Hydrologist Water Conserv 12LELAND BURKHART PhD Prof and Head of Dept 520 Watershed Management 12W P BEMIS PhD Prof Veg Genet
2P M BESSEY PhD Asst Hort Veg Physiol (PO Mesa) 12A L McCOMB PhD Prof and Head of Dept 2L O BARNETT Jr MS Asst in Res Watershed Hydrology 2F D COLE BS Res Assoc Landsc Physiol
5H E DENNIS BS Collab
2J A DUNLAP BS Res Assoc Citrus (PO Tempe) 5D R CABLE MS Collab Range Mgt 3B N FREEMAN MS Ext Range Mgt
5L P HAMILTON MS Mgr Plant Mater Center Range Mgt 27 A DUNLAP BS Hes Assoc Citrus (PO Tempe)
12STEVE FAZIO MS Assoc Prof Propagation
12J S FOLKNER MS Asst Prof Landsc Design
2R E FOSTER II PhD Hort Veg Brdg (PO Mesa)
2R H HILGEMAN PhD Hort Citrus Physiol (PO Tempe) 5E C HENDRICKS Asst Mgr Plant Mater Center Range Mgt 5H M HULL PhD Collab Plant Physiol 12R R HUMPHREY PhD Prof Range Ecol ZLeMOYNE HOGANPhD Assoc Hort Landsc Physiol

12J R KUYKENDALL PhD Assoc Prof Fruit Physiol

3N F OEBKER PhD Ext Veg 2G L JORDAN PhD Asst Range Mgt Spec Range Ecol 20 D KNIPE MS Asst in Res Range Mgt 12P N KNORR PhD Assoc Prof Econ and Mgt
5FRED LAVIN MS Collab Range Ecol (PO Flagstaff)
2R W MARQUISS MS Res Assoc Range Mgt 2J H PARK BA Asst in Hort Veg (PO Mesa) 2W D PEW PhD Hort Veg Physiol (PO Mesa) 2D R RODNEY PhD Assoc Hort Citrus Physiol 5S C MARTIN MS Collab Range Mgt (PO Yuma) 2M L MAYNARD BS Res Assoc Range Mat 2G C SHARPLES MS Asst Hort Biochem (PO Mesa) 12P B ROWE MF Assoc Prof Watershed Hydrology 3H F TATE BS Ext Fruits and Landsc 12E M SCHMUTZ PhD Asst Prof Range Mgt 2H C WILLIAMSON Jr MS Res Assoc Citrus (PO Yuma) 5T F SPALLER BS Asst Plant Mater Center Range Mgt 12R F WAGLE PhD Assoc Prof Silvic
12D G WILSON PhD Assoc Prof Range Mgt 480 Plant Breeding 12J E ENDRIZZI PhD Prof and Head of Dept 2W E BRYAN DSc Plant Brdr Cotton 2Mrs JEAN L DYKEMAN BA Asst in Plant Brdg Fiber Miscellaneous 2D C AEPLI Farm Spec Field Crops (PO Mesa) Testing 3SARAH I HARMAN MS Asst State Leader of 4-H Club 5C V FEASTER PhD Collab Cotton Genet (PO Tempe) Work 2W D FISHER PhD Plant Brdr Cotton Brdg (PO Tempe) 12R O KUEHL PhD Asst Prof Statis 5P A FRYXELL PhD Collab Cotton Genet (PO Tempe)
2J D HESKETH PhD Asst Plant Brdr Plant Physiol 1B C MARKLAND PhD Dir of Radio-TV Bur 1MORGAN MONROE Dir of Univ News Bur 2C D MANDERSCHEID BS Asst in Res Cotton Brdg 3RAY WEICK BS Ext Spec in 4-H Club Work (PO Tempo) 12HIROSHI MURAMOTO PhD Asst Prof Cotton Brdg 12E H PRESSLEY DSc Prof Cotton and Fiber Testing
12L S STITH PhD Prof Cotton Brdg **Branch Stations** 540 Cotton Res Sta PO Tempe-5E L TURCOTTE PhD Collab Cotton Genet (PO 2C W FITZGIBBON BS Supt Tempe) Mesa Sta PO Mesa-12R L VOIGT PhD Asst Prof Sorghum Brdg 2W D PEW PhD Supt Plant Pathology
12G A GRIES PhD Prof and Head of Dept
12S M ALCORN PhD Assoc Prof Ornam Dis
2R M ALLEN PhD Assoc Plant Path Citrus Dis (PO 490 Safford Sta PO Safford-2FRED TURNER Jr PhD Supt Salt River Valley Citrus Sta PO Tempe-2R H HILGEMAN PhD Supt Univ Sta PO Tucson-Yuma) 2E H HUSSMANN Supt 5L M BLANK PhD Collab (PO Tempe) Yuma Valley and Yuma Mesa Sta PO Yuma--2H E BLOSS MS Asst in Res Dis Resistance 2FRANK PRITCHARD BS Supt

12Mrs ALICE M BOYLE PhD Assoc Prof Soil-borne Dis

ARKANSAS

Division of Agriculture (Agricultural Experiment Station, Agricultural Extension Service, and College of Agriculture and Home Economics) of the University of Arkansas, Favetteville

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

550

123D W MULLINS PhD Pres

123J W WHITE PhD Vice Pres for Agr (Tel Hillcrest 3-4511 Ext 541)

2E M CRALLEY PhD Dir of Agr Expt Sta (Tel Hillcrest .3-4511 Ext 543)

16 T HUDSON PhD Deam of Col of Agr and Home Econ (Tel Hillcrest 3-4511 Ext 542)

3C A VINES BS Dir of Agr Ext Serv (PO Box 391 Little Rock, Tel Franklin 5-7.321)
123J W WOODY BS Treas

Agronomy

570

12D A HINKLE PhD Prof Soil Fert and Head of Dept 3DONALD ADAMS MS Ext Soils Spec (PO Box 391 Little Rock)

2W L BARRENTINE BSA Res Asst Field Crops

12D A BROWN PhD Prof Soil Chem 25G W CATHEY MS Res Tech Field Crops

22 A CAVINESS PhD Asst Prof Crop Brdg
2S L CHAPMAN BSA Res Asst Soil Classif
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2J D BARRACK BS Res Asst Poultry Path

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590

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	Fruit Substa PO Clarksville—	
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12C L WILSONPhD Assoc Prof Tree Dis	1J A GORDON MS Instr Agr Econ and Farm Mar	/11
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eterinary Science—See Animal Industry and Veterinary	Agricultural Education	72
Science	IR C HAYNIE MS Instr Agr Educ and Head	

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800

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3MARTHA A POOLTON MS Area Home Econ, Consum	Wetabottsiii .
Mktg	Plant Pathology 850
3Mrs FRANCES R QUINN MS Ext Clothing Spec	12W C SNYDER PhD Prof Root Dis Fusarium and Chmn
3G A ROWE PhD Ext Econ	of Dept
3D M'RUTHERFORD MA Ext Inform Spec	12K F BAKER PhD Prof Root Dis
3D T SCHILD MS Ext Vis Spec	125R V BEGA PhD Lect Rust Physiol and For Dis
3W G SCHNEEFLOCK MEd 4-H Club Spec	12F W COBB Jr PhD Asst Prof For Dis and Rusts
3D JANE SCHOPPE MS Ext Home Furnishing Spec	12A H GOLD PhD Assoc Prof Virol and Serol
3R D SMITH BA Ext Inform Spec	12J R PARMETER Jr PhD Assoc Prof For Dis Mycol
3J E SWIFT PhD Ext Ent	12R D RAABE PhD Assoc Prof Omom Dis Control
3THELMA L THOMPSON MA Ext Clothing Spec	12D E SCHLEGEL PhD Assoc Prof Virol and Physiol Dis
3ERIC THOR PhD Ext Econ	12M N SCHROTH PhD Asst Prof Bact Dis and Physiol
3J E TIPPETT BS Agr	Resistance
3Mrs HELEN D ULLRICH MA Ext Nutr	12W N TAKAHASHI PhD Prof Virol and Infection Physiol
3L T WALLACE PhD Ext Econ	12T A TOUSSOUN PhD Asst Prof Root Veg Dis
F	Fusarium
Forestry 820	12A R WEINHOLD PhD Asst Prof Dis Pathogen Physiol

Forestry - Continued

12H J VAUX PhD Prof and Chmn of Dept and Dir of Wildland Res Center 12A B ANDERSON PhD Lect Biochem 12H H BISWELL PhD Prof Plant Ecol 12D L BRINK PhD Lect For Prods Chem
12PAUL CASAMAJOR MF Lect For Mgt 12R A COCKRELL PhD Prof Wood Technol
12R N COLWELL PhD Prof Silvic
12F E DICKINSON PhD Prof and Dir of For Prods Lab

Poultry Husbandry
12SAMUEL LEPKOVSKY PhD Prof Nutr and Physiol
2Mrs DOROTHY C LOWRY MA Assoc Spec Poultry

12C E YARWOOD PhD Prof Virol Rusts Mildews

12STEPHEN WILHELM PhD Prof Verticilium Dis Small

Genet

12L W TAYLOR PhD Prof Genet and Physiol

Fruits and Broomrape

230

California	870-930
Soils and Plant Nutrition 870	Annual Carlot
12T C BROYER BS Prof Plant Physiol and Vice Chmn	Agronomy Continued
of Dept	250 E SMITH PhD Plant Physiol Cotton 12E H STANFORD PhD Prof Genet Alfalfa
12R J ARKLEY PhD Lect Soil Morphol	2D C SUMNER BS Agron Forage Crops
12K L BABCOCK PhD Assoc Prof Soil Chem	25C A SUNESON MS Genet Cereals
12ISAAC BARSHAD PhD Lect Soil Minerology	25J R THYSELL MS Genet Rice
12P W BIRKELAND PhD Asst Prof Soil Morphol	2C L TUCKER BS Genet Brdg Lima Bean
12P R DAY PhD Prof Soil Phys	25J H TURNER MS Genet Cotton
12LOUIS JACOBSON PhD Prof Plant Physiol	2P H VANSCHAIK PhD Genet Brdg Cotton
12HANS JENNY DSc Prof Soil Chem and Morphol	25V T WALHOOD PhD Plant Physiol Cotton
2C M JOHNSON PhD Chem Plant and Soil	2J C WILLIAMS Jr PhD Lect Genet Crop Brdg Wheat
12A D McLAREN PhD Prof Microbiol	Oats
12ROY OVERSTREET PhD Prof Soil Chem	12W A WILLIAMS PhD Assoc Prof Plant Physiol Forage
2ESTHER P PERRY PhD Spec Soil Mgt	Legumes and Cover Crops
2R K SCHULZ BS Assoc Spec Soil Chem 12ALBERT ULRICH PhD Lect Plant Physiol	25L H ZIMMERMAN PhD Genet Oil Crops Castor Beans
12L J WALDRON PhD Asst Prof Soil Phys	12F P ZSCHEILE Jr PhD Prof Biochem Dis Resistance
12D E WILLIAMS PhD Lect Soil Chem	Animal Husbandry 910
2Mrs LUCY T YOUNG PhD Assoc Spec Plant Physiol	Animal Husbandry 910 12HUBBERT HEITMAN Jr PhD Prof Chmn Dept Nutr
The state of the s	Swine From Smill Dept Nutr
Davis	12R L BALDWIN Jr PhD Asst Prof Biochem Metabolism
	Control Mech
Agricultural Practice 880	12J M BODA PhD Assoc Prof Compar Physiol Ruminant
12H O WALKER EdD Lect and Chmn of Dept Agr	Endocrinol and Metabolism
2G F HANNA MEd Agr Pract Farm Mach	124G E BRADFORD PhD Asst Prof Genet Genotype
2G E RAPP MEd Agr Pract Summer Placement	Environment Interaction
	124F D CARROLL PhD Assoc Prof Nutr Meat
Agricultural Toxicology and Residue Research	12M T CLEGG PhD Assoc Prof Compar Physiol
Laboratory 890	Endocrine Mech in Growth and Reproduction
12D G CROSBY PhD Lect in Food Sci Technol and Chmn of Dept Toxicol Chem Toxicol of Pesticides	12H H COLE PhD Prof Physiol Bloat Reproductive
2H F BECKMAN PhD Anal Chem Pesticides	Endocrinol 12P T CUPPS PhD Prof Physiol Reproductive
12W W KILGORE PhD Lect in Food Sci and Tech	Endocrinol
Biochem Pesticides	12W N GARRETT PhD Lect Nutr Environment Studies
124GUNTER ZWEIG PhD Lect in Entomol Chem Biochem	12I I GESCHWIND PhD Assoc Prof Biochem Protein
of Pesticides	Hormones
	12HAROLD GOSS PhD Prof Biochem Nutr (Emeritus)
Agronomy 900	12P W GREGORY DSc Prof Genet Bovine Achondroplasia
12R M LOVE PhD Prof and Chmn of Dept Cytogenet	12C E HOWELL MS Prof Anim Husb Horses (Emeritus)
Range Plants Ecology	2J L HULL MS Nutr Irrig Pasture
25G H ABEL MS Agron Indus Crops	12MAX KLEIBER DSc Prof Nutr Intermediary
12F T ADDICOTT PhD Prof Plant Physiol Cotton 12R W ALLARD PhD Prof Genet Brdg Lima Bean	Metabolism (Emeritus) 12R C LABEN PhD Assoc Prof Genet Anim Brdg
2D M BASSETT PhD Plant Physiol Cotton	12G P LOFGREEN PhD Prof Nutr Feed Evaluation
25B H BEARD PhD Genet Fiber Crops	12R G LOY PhD Asst Prof Anim Physiol Reproduction
12F N BRIGGS PhD Prof (Emeritus) Genet Cereals	12J R LUICK PhD Lect Physiol Radio Biology
12J P CONRAD PhD Prof (Emeritus) Soil Sci Fert	12S W MEAD MS Prof Dairy Sci Nutr and Genet
12BEECHER CRAMPTON MS Lect Bot Range and	(Emeritus) Recalled
Forage Crops	2V E MENDEL PhD Camp Physiol Environmental
25J G DEAN MS Agron Forage Seed Prod	12J H MEYER PhD Prof Nutr Fiber Nutr Fibrous Feed
2W G GEORGE BS Agron Field Crops	12W C ROLLINS PhD Assoc Prof Genet Population
2V Q HALE PhD Biochem Field Crops	124MAGNAR RONNING PhD Assoc Prof Nutr Metabolism
12R C HUFFAKER PhD Lect Biochem Growth Factors	123G M SPURLOCK PhD Lect Parasitol Sheep
25A H HYER PhD Genet Cotton 2R E JOHNSON BS Agron Cotton	2D T TORELL MS Anim Husb Range Nutr Sheep 2K A WAGNON BS Anim Husb Range Studies Beef
2L G JONES BS Agron Forage Crops	12W C WEIR PhD Prof Nutr Ruminants Sheep
24M B JONES PhD Soil Sci Range Crops	12J F WILSON MA Prof Anim Husb Wool (Emeritus)
2B L KAY BS Agron Range Mgt	The state of the s
12P F KNOWLES PhD Prof Genet Oil and Fiber Crops	Bacteriology 920
12H M LAUDE PhD Prof Plant Physiol Range Crops	12J L INGRAHAM PhD Assoc Prof and Chmn of Dept
2W F LEHMAN PhD Genet Alfalfa	Microbiol Low Temp
124R S LOOMIS PhD Asst Prof Plant Physiol Sugarbeet	25A T BRICE MA Bact Films
12B A MADSON BSA Prof (Emeritus) Agron Field Crops	12R E HUNGATE PhD Prof Microbiol Rumen Studies
25J J MASTENBROEK BS Genet Rice	12A G MARR PhD Prof Microbiol Biochem Cytology
25J S McFARLANE PhD Genet Sugarbeet	12C S MUDGE PhD Prof Bact (Emeritus)
12D S MIKKELSEN PhD Prof Soil Chem Field Crops	12D M REYNOLDS PhD Assoc Prof Microbiol Chitingse
25R J MIRAVALLE PhD Genet Cotton 2K E MUELLER MS Plant Path Rice	Teaching Films
2F G PARSONS BS Agron Seed Certification	12M P STARR PhD Prof Microbiol Pigments and Phytopathogenic Bacteria
12M L PETERSON PhD Prof Plant Physiol Irrig Pasture	i nytopathogeme Edeteria
2BURT RAY BS Seed Certif	Biochemistry and Biophysics (Agr) 930
2J E RUCKMAN BA Chem Lab	12E E CONN PhD Prof and Chmn of Dept Plant Biochem
12C W SCHALLER PhD Prof Genet Cereal	Aromatic Compounds
12D G SMELTZER PhD Lect Genet Sorghum and Com	12STERLING CHAYKIN PhD Asst Prof Enzymologist
Brdg	Pyridin Nucleotide Metabolism Oxidative Phos-

phorylation

1.3

12F L SMITH PhD Prof Genet Bean Brdg

9.40

Biochemistry and Biophysics (Agr)-Continued

12R S CRIDDLE PhD Asst Prof Phys Biochem Protein Interactions

12L L INGRAHAM PhD Assoc Prof Phys Organic Chem Enzyme Mechanisms

12JACK PREISS PhD Asst Prof Enzymologist Carbohydrate Metabolism

12P K STUMPF PhD Prof Plant Biochem Lipids

Botany

12E M GIFFORD Jr PhD Prof and Chmn of Dept Morphol Plant Anat

12F M ASHTON PhD Asst Prof Ag Bot and Lect Bot Plant Physiol Weed Control

2D E BAYER PhD Plant Physiol Weed Control

2P A CASTELFRANCO PhD Lect Bot Plant Physiol Biochem

12A S CRAFTS PhD Prof Plant Physiol Weed Control 12H B CURRIER PhD Prof Plant Physiol Cellular

Physiol

12C L FOY PhD Asst Prof Ag Bot and Lect Bot Plant Physiol Weed Control

12NORMA J LANG PhD Asst Prof Morphol Algae 12O A LEONARD PhD Lect Bot Weed Control 12JACK MAJOR PhD Asst Prof Plant Ecol Ecol

25J H MILLER PhD Bot Cotton

124C R STOCKING PhD Prof Plant Physiol Chloroplasts

124J M TUCKER PhD Prof Taxon Taxon
12T E WEIER PhD Prof Plant Physiol Cytology

124KENNETH WELLS PhD Asst Prof Mycol Fungi 5R R YEO PhD Research Agron Aquatic Weed Control

Chemistry 950

12R M KEEFER PhD Prof and Chmn of Dept Chem Phys

12L J ANDREWS PhD Prof Chem-Organic

12R K BRINTON PhD Prof Chem Phys Organic Anal 12R E KEPNER PhD Prof Chem-Organic

12E P PAINTER PhD Prof Chem-Biochem

12H G REIBER PhD Prof Chem Organic

12D H VOLMAN PhD Prof Chem-Phys

Economics (Agr) 960

12B C FRENCH PhD Prof and Vice Chmn of Dept Berkley and Davis Agr Econ-Mkt Econ

120 R BURT PhD Asst Prof Agr Econ-Quant Methodology and Resource Econ

25D E CARR BS Agr Econ Farm and Ranch Mat

12H O CARTER PhD Assoc Prof Agr Econ-Form Mgt-Prod

25D D CATON PhD Agr Econ-Farm and Ranch Mat-

12G W DEAN PhD Assoc Prof Agr Econ-Prod Econ-Farm Mat

12D B DELOACH PhD Prof Agr Econ-Mkt Econ and Policy

12J E FARIS Jr PhD Assoc Prof Agr Econ-Prod Econ-Farm Mgt

12JERRY FOYTIK PhD Assoc Prof Agr Econ-Mkt Econ and Price Anal

12C C HARRIS Jr PhD Asst Prof Agr Econ-Agr Policy

124T R HEDGES PhD Prof Agr Econ Farm Mgt Internati Agr

125S S JOHNSON PhD Lect Agr Econ-Farm Mgt

12G A KING PHD Assoc Prof Agr Econ-Mkt Econ 12S H LOGAN PhD Asst Prof Agr Econ Mktg

25W H METZLER PhD Agr Econ-Farm Labor Econ 12C O McCORKLE PhD Prof Agr Econ-Prod Econ Farm

Mat

25WALTER MIKLIUS PhD Agr Econ-Mktg

25C V MOORE PhD Agr Econ-Prod and Resource Econ 12J H SNYDER PhD Assoc Prof Agr Econ-Resource Econ

Agr Devlpmt

124S H SOSNICK PhD Assoc Prof and Asst Agr Econ Mkt Econ Indus Organ

12J M TINLEY PhD Prof Agr Econ-Mkt Econ Internati Agr Agr Coop

Economics (Agr)-Continued

12E C VOORHIES BS Prof Agr Econ (Emeritus) Recalled

Education (Agr)

IS S SUTHERLAND MS Prof and Chmn of Dept

IF L GRIFFIN MS Prof (Emeritus)

1ARLINE JOHNSON MS Lect

IE M JUERGENSON PhD Assoc Prof

1MARY.C REGAN PhD Asst Prof and Asst Res Educationist

10 E THOMPSON PhD Assoc Prof

980 Engineering (Agr) 91
12COBY LORENZEN Jr MS Prof and Chmn of Dept Agr

Engin Tomato Harvesting

25P A ADRIAN BS Agr Engin-Mech Harvesting
12N B AKESSON MS Prof Agr Engin-Pest Control

12ROY BAINER MS Prof Dean Col of Engin Agr Engin-Mech Harvesting

25T E BOND MS Agr Engin-Environment Studies

2H L BREWER BS Agr Engin-Mech Harvesting of Olives

12F A BROOKS MS DSc Prof (Emeritus) Agr Engin Microclimatol

25G K BROWN BS Agr Engin 25L M CARTER BS Agr Engin-Mech of Cotton

12W J CHANCELLOR PhD Assoc Prof Agr Engin-Soil Mech

25THAYER CLEAVER BS Agr Engin-Form Structures

2R J COFFELT BS Agr Engin-Relat of Elec to Agr

12I V CRAWFORD MA Lect Agr Engin-Climatol-Frost Protection

2J B DOBIE BS Agr Engin-Relat of Elec to Agr Hay Pelleting

12R B FRIDLEY MS Asst Prof Agr Engin-Mech Harvesting of Fruits

2R E GARRETT MS Agr Engin-Mech Harvesting of Lettuce

2P R GENTRY MS Agr Engin-Fruits in Transit 12J R GOSS MS Assoc Prof Agr Engin-Hay Handling

Small Seed Harvesting

2RENE GUILLOU MS Agr Engin (Emeritus)

12J C HARPER DSc Assoc Prof Agr Engin-Freeze Drying

12S A HART PhD Assoc Prof Agr Engin-Sanit Engin of Livestock Wastes

12S M HENDERSON MS Prof Agr Engin Refrigeration Rice Drying

12C R KAUPKE MS Lect Agr Engin Wheat Control Studies

12C F KELLY MS Prof Agr Engin-Anim Environment and Structure

12R A KEPNER BS Prof Agr Éngin Hay Handling 124L H LAMOURIA MS Assoc Prof Agr Engin Mech

Harvesting of Grapes and Olives 12A S LEONARD MS Lect Agr Engin Frost Protection

12A A McKILLOP PhD Assoc Prof Agr Engin Freeze Drying 12S R MORRISON PhD Asst Prof Agr Engin Anim

Environment 12L W NEUBAUER PhD Prof Agr Engin Structures

12MICHAEL O'BRIEN PhD Lect Agr Engin Bulk Handling

12J B POWERS BS Prof Agr Engin Electronic Sorting of

12H B SCHERTZ PhD Asst Prof Agr Engin Mech Harvesting of Citrus Fruits

12H B SCHULTZ PhD Lect Agr Engin Climatol

2H E STUDER BS Agr Engin Mech Harvesting of Grapes

2J R TAVERNETTI MS Agr Engin Cotton Mech

12W E YATES MS Assoc Prof Agr Engin Sprays and Pest Control

12G L ZACHARIAH PhD Asst Prof Agr Engin

Entomology and Parasitology 990 12R M BOHART PhD Prof and Chmn of Dept Syst Ent Mosquito Wasp Flies

120 G BACON PhD Prof Agr Ent Pests of Legume Seeds Com Potatoes Sweetpotatoes

Entomology and Parasitology-Continued

12S F BAILEY PhD Prof Agr Ent Mosquito Thrips Pests of Plums Prunes Cherries

2E C CARLSON MS Agr Ent Seeds and Oil Crops

12J E ECKERT PhD Prof (Emeritus) Apic Dis-Insecticides

12N E GARY PhD Asst Prof Apic Pesticides and Pollingtion

12A A GRIGARICK Jr PhD Asst Prof Agr Ent Field Crops

12C L JUDSON PhD Asst Prof Ent Mosquito Eggs
12H H LAIDLAW PhD Assoc Dean Coll Agr Prof Apic

Brda 12W H LANGE Jr PhD Prof Agr Ent Pests in Veg Crops Soil Insecticides Snails and Slugs

2T F LEIGH PhD Agr Ent Cotton

12G A H McCLELLAND PhD Asst Prof Med Ent Mosquito

2H L McKENZIE MS Syst Ent Scale Insects
12D L McLEAN PhD Ent Insect Borne Viruses

12L M SMITH PhD Prof Ent (Emeritus)

12E M STAFFORD PhD Prof Agr Ent Pests of Grapes Olives Figs Scale Insects

12F E STRONG PhD Asst Prof Agr Ent Plant Resistance 12F M SUMMERS PhD Prof Agr Ent Mites

Extension Service (Agr)

1000

3L J BERRY BS Asst State Dir 3J E SPURLOCK BS Asst State Dir

3REUBEN ALBAUGH BS Ext Anim Husb

3D C ALDERMAN PhD Ext Pomol 3R D APPLEMAN MS Ext Dairyman

3D L BATH MS Ext Dairyman 3J A BEUTEL MS Ext Pomol

3KEITH BISSEL MS Farm Adv-at-Large

3L J BOOHER CE Ext Irrig
3A W BRANT PhD Ext Food Tech

3V E BURTON BS Ext Ent 3G M COOKE BA Ext Enol

3R H COPPOCK BA Ext Inform Spec
3M W CUMMINGS BS Ext Wildlife Mgt Spec

3R G CURLEY BS Ext Agr Engin

3W B DAVIS MS Ext Ornam Hort

3R T EDWARDS BS Ext Agron Technol

3J T ELINGS BS Ext Anim Husb

3J A EMO BS 4-H Club Spec

3W C FAIRBANK BS Ext Agr Engin Technol

3MILTON FIREMAN PhD Ext Soils and Water Spec 3DORIS E FRAZIER MA Area Home Adv (PO Redding)

3K D GOWANS BS Ext Soils Spec

3R E GRIFFIN MS Ext Agr Engin Technol 3D H HALL PhD Ext Plant Path

3W H HART PhD Ext Plant Nematol

3W A HARVEY MS Ext Weed Control Spec 3W M HERMS MS Ext Inform Spec

3F J HILLS PhD Ext Agron
3MARVIN HOOVER BS Ext Cotton Spec (PO Shafter)

3C E HOUSTON BS Ext Irrig and Drain Engin

3A N KASIMATIS MS Ext Vitic

3A N KASIMATIS MS Ext VILIC
3R F KASMIRE MS Ext Mktg Technol
3B A KRANTZ PhD Ext Soils Spec
3A H LANGE PhD Ext Weed Control Spec
3E C LOOMIS PhD Ext Weed Control Spec

3W B MCHENRY BS Ext Weed Control Technol
3J G McLEAN PhD Ext Veg Crops Spec
3V L MARBLE PhD Ext Agron
3W E MARTIN PhD Ext Soils Spec

3H L MILLER MS 4-H Club Spec
3M D MILLER MS Ext Agron
3F G MITCHELL MS Ext Pomol Mktg
3H J O'REILLY PhD Ext Plant Path

3V P OSTERLI BS Ext Range Impr Spec

3R R PARKS MA Ext Agr Engin

3P S PARSONS MS Ext Econ
3P E PARVIN MS Ext Flor
3R C PEARL BS Ext Proc Crops Spec

3C L PELISSIER MS Ext Dairyman

31 D PRATO MS Ext Agron Technol

Extension Service (Agr)—Continued

3JAMES QUICK BA Ext Technol 3R L RACKHAM MS Ext Technol

3A D'REED PhD Ext Econ

3H B RICHARDSON MS Ext Vitic Mktg

3A D'RIZZI BS Ext Pomol

3W F ROONEY MS Ext Poultry Spec

3A S ROSENWALD DVM PhD Ext Poultry Path

3W W SHEPARD BS Ext Inform Spec

3W L SIMS PhD Ext Veg Crops Spec

3J J SMITH MS MEd Ext Pomol Technol

3WARD STANGER MS Ext Apic

3J E STREET MS Ext Range Impr Spec 3H T STRONG BS Ext Anim Husb

3L FWERENFELS MS Ext Irrig Technol

Food Science and Technology

12G F STEWART PhD Prof and Chmn of Dept Food Chem Anim Prod

12R A BERNARD PhD Asst Prof Plant Physiol Food Flavor Chem

12C O CHICHESTER PhD Assoc Prof Chem Engin Food Pigments Food Engin

12E B COLLINS PhD Assoc Prof Microbiol Dairy Prod and Public Health

12W V CRUESS Prof Food Technol (Emeritus)

12W L DUNKLEY PhD Prof Dairy Technol Dairy Prod 12B F FEENEY PhD Prof Biochem Proteins

12B E HUBBELL Jr BS Lect Dairy Technol Dairy Prod

12E L JACK PhD Prof and Food Chem Milk Fats

12W G JENNINGS PhD Assoc Prof Agr Chem Food Flavor Chem Food Plant Sanit

24S J LEONARD BS Food Tech

2B S LUH PhD Agr Chem Food Proc and Storage Deterioration

12G L MARSH MS Prof Food Technol Chem of Deterioration Freezing and Canning Technol

12MENDEL MAZELIS PhD Asst Prof Biochem Freezing Preserv

12M W MILLER PhD Asst Prof Microbiol Dried Fruit; . Yeasts

12E M MRAK PhD Prof Food Technol

12TOMMY NAKAYAMA PhD Lect Agr Chem Brewing Tech Enzymes

12T A NICKERSON PhD Assoc Prof Dairy Technol Dairy Prod 2Mrs ROSE MARIE PANGBORN MS Nutr and Foods

Sensory Eval Sensory Perception

12H J PHAFF PhD Prof Microbiol Taxon of Yeasts Enzyme and Pectin Chem

2H J REYNOLDS MS Dairy Technol

12C L ROADHOUSE DVM Prof Dairy Technol (Emeritus)

2J F SHAUER MS Food Technol
12L M SMITH PhD Assoc Prof Agr Chem Lipids

12CL ARENCE STERLING PhD Prof Bot Histo Chem and Biophys of Foods

12G F STEWART PhD Prof Food Chem Anim Prod Technol 12A L TAPPEL PhD Prof Biochem Biochem of Foods

12N P TARASSUK PhD Prof Agr Chem Dairy Prod;

Deterioration

12R H VAUGHN PhD Prof and Acting Chmn Dept Food Microbiol Spoilage; Plant Sanitation; Public Health Problems 12J R WHITAKER PhD Assoc Prof Biochem Enzyme

Chem; Meat Quality 12M H WOSKOW PhD Lect Exp Psychol Sensory Percep-

12G K YORK PhD Asst Prof Microbiol Food Microbiol

Genetics 1020

12A S FRASER PhD Prof and Chmn of Dept Genet Population

12HARRIS BERNSTEIN PhD Asst Prof Genet Molecular

124M M GREEN PhD Prof Genet Drosophila

12S R SNOW PhD Asst Genet Cytogenetics

California 1020-1100

Genetics - Continued

12G L STEBBINS Jr PhD Prof Plant Genet Plant Evolution

Home Economics 1030

12Mrs LUCILLE S HURLEY PhD Assoc Prof Chmn of Dept Biochem Nutr

1R C ARNESON MFA Asst Prof Design Ceramics 1Mrs MILDRED J BENNETT PhD Lect Biochem Nutr · 12ROBERTA R COLLARD PhD Asst Prof Psychol

Child Devlmpt

12R D CRAMER MFA Assoc Prof Arch Housing 1R LORENE DRYDEN MA Lect Clothing and Textiles
12ELIZABETH M. ELBERT PhD Asst Prof Chem Expt

Foods

124GLADYS J EVERSON PhD Prof Biochem Nutr 1Mrs. HELEN E. GIAMBRUNI BA Lect Art History 1FLORA M HANNING PhD Visiting Prof Biochem Expt Foods and Nutr

1Mrs. DORIS F HEINEMAN BAE Lect Design Textiles and Interiors

12ROBERT O HERRMANN PhD Act Asst Prof Econ

1RUTH J HORSTING MA Asst Prof Design Sculpture 1AGNES C McCLELLAND MA Lect Clothing 12MARY ANN MORRIS PhD Assoc Prof Chem Textile Sci

12PAULINE C PAUL PhD Prof Chem Expt Foods 1Mrs JANE S PIRKEY BS Lect Inst Mgt IDANIEL SHAPIRO Assoc Prof Graphic Arts 1ELEANOR A VERGIN MS Lect Home Mot

12EMMY E WERNER PhD Asst Prof Psychol Child Devlomt

1040

12V H SCOTT PhD Prof and Chmn Dept Irrig Engin Ground Water Devlpmt

12FRANK ADAMS LLD Prof Irrig Econ (Emeritus) 12JAIME AMOROCHO PhD Assoc Prof Hydrolic Engin Surface Water Hydrology

12J W BIGGAR PhD Lect and Soil Phys Water Ouglity 12R H BURGY MS Assoc Prof Civil Engin Hydrology and Water Supply

25J W CARY PhD Soil Phys Irrig Res

12L D DONEEN PhD Prof Soil Chem Water Quality Standards

12R M HAGAN PhD Prof Irrig Water Soil Plant Relat 12D W HENDERSON PhD Assoc Prof Soil Soil Mgt under Irrig

12J N LUTHIN PhD Prof Soil Phys Drainage

25J C MARR BS Assoc Expt Sta (Irrig) (retired)

2R J MILLER PhD Imig Soil Fertility Imig Mgt
12D R NIELSEN PhD Assoc Prof Soil Phys Phys of Soil Moisture

2J R STOCKTON MS Plant Physiol Irrig of Cotton

12T S STRELKOFF PhD Asst Prof Civil Engin Hydrodynamics

12F J VEIHMEYER PhD Prof Irrig Engin (Emeritus)

Landscape Horticulture

1050

12R W HARRIS PhD Assoc Prof and Chmn of Dept Plant Physiol Arboriculture

12P A BARKER MS Lect Hort Arboriculture 1R D DANIELSON MS Lect Landsc Arch

12H C KOHL Jr PhD Prof Plant Physiol Flor

12J H MADISON Jr PhD Assoc Prof Plant Physiol Turf

1L H McVICAR AB Lect Park Admin

1 I M ROBINSON PhD Lect City and Regional Planning 12R M SACHS PhD Asst Prof Plant Physiol Flor

Mathematics

1060

12G A BAKER PhD Prof Statis Design and Anal of Expt Multivaniate Anal

12C M FULTON PhD Prof Math Geometry Differential Tensor Anal Foundations

12E B ROESSLER PhD Prof Statis Design and Anal of Expt Surv Methods

12M W ALLEN PhD Prof and Chmn of Dept Nematol

1070

Taxon Cotton 12BERT LEAR PhD Lect Nematol Nematocides Veg and

Field Crops 12B F LOWNSBERRY PhD Lect Nematol Pathogenesity Deciduous Fruits and Nuts

12A R MAGGENTI PhD Lect Nematol Morphol Nursery and Ornam

12D J RASKI PhD Prof Nematol Taxon Grapes Virus Dis 2D R VIGLIERCHIO PhD Nematol Physiol and Biochem

Physics TUSU

12C G PATTEN PhD Prof Nuclear Phys Accelerators Spectroscopy

12M E GARDNER PhD Prof Nuclear Phys Accelerators

Plant Pathology

12L D'LEACH PhD Prof and Chmn of Dept Davis and Berkeley Plant Path Seedling Dis

25C W BENNETT PhD Plant Path Virus Dis of Sugarbeets

12E E BUTLER PhD Assoc Prof Plant Path Post Harvest Dis Mycol

12R N CAMPBELL PhD Asst Prof Plant Path Veg Dis

12J E DEVAY PhD Assoc Prof Plant Path Host Parasite Relationships

25J E DUFFUS PhD Plant Path Virus Dis of Sugarbeets

12W H ENGLISH PhD Prof Plant Path Dis of Deciduous Fruits and Nuts

25R H GARBER MS Plant Path Cotton Dis

25A C'GOHEEN PhD Plant Path Grape Dis

12R G GROGAN PhD Prof Plant Path Virol Veg Dis 12P M HALISKY PhD Asst Prof Plant Path Field and Forage Crop Dis

25J M HARVEY PhD Plant Path Post Harvest Fruit Dis 12W B HEWITT PhD Prof Plant Path Grape Dis Soil Borne Virus

12B R HOUSTON PhD Prof Plant Path Field Crop Dis

25J M KLISIEWICZ PhD Plant Path Oil Crop Dis

12TSUNE KOSUGE PhD Lect Plant Path Biochem of Plant Pathogens

12GEORGE NYLAND PhD Prof Plant Path Fruit Tree Virus Dis

12 M OGAWA PhD Assoc Prof Plant Path Dis of Deciduous Fruits and Nuts

25W C SCHNATHORST PhD Plant-Path Cotton Dis

12T A SHALLA PhD Asst Prof Plant Path Pome Fruit Virus Dis

12R J SHEPHERD PhD Asst Prof Plant Path Field Crop Dis Virus

12E E WILSON PhD Prof Plant Path Fruit and Nut Crop Dis Bacterial

Pomology 1100 12D S BROWN PhD Prof Chmn of Dept Plant Physiol

Relat Climate to Prod 12F W ALLEN MS Prof (Emeritus) Physiol Post Harvest

Fruits 12MURIEL V BRADLEY PhD Lect Pomol Morphol

Cytology 12R S BRINGHURST PhD Prof Genet Small Fruit Brdg

12R M BROOKS PhD Prof Pomol Morphol Anat 2J R BUCHANAN BS Anal Chem Foliar and Soil Anal

12P B CATLIN PhD Lect Physiol Growth and Develomt

12L L CLAYPOOL PhD Prof Physiol Post Harvest Fruit 12J C CRANE PhD Prof Plant Physiol Hormones Fig

Prod 12L D DAVIS PhD Prcf (Emeritus) Pomol Plant Physiol Fruit Brdg

2L H DAY MS (Emeritus) Horticul Rootstalk Problems 2A E GILMORE MA Plant Physiol Peaches 12W H GRIGGS PhD Prof Physiol Fruit Brdg

12P E HANSCHE PhD Lect Genet Fruit Brdg

12C J HANSEN MS Prof Plant Physiol Stone Fruits

Pamology—Continued

12H T HARTMANN PhD Prof Plant Physiol Propagation Olive Culture

2A H HENDRICKSON PhD (Emeritus) Horticult Irrig of Deciduous Fruits

12C O HESSE PhD Prof Genet Fruit Brdg
124D E KESTER PhD Assoc Prof Physiol Fruit Brdg and

120MUND LILLELAND PhD Lect Plant Physiol Soil Studies

12E C MAXIE PhD Lect Biochem Post Harvest Fruit Problems Ionizing Radiation

12E L'PROEBSTING PhD Prof Pomol (Emeritus) Plant Physiol and Soils

12R J ROMANI PhD Lect Pomol Maturity Problems Irradiation Studies

2KAY RYUGO PhD Pomol Cling Peaches Pears

124E F SERR Jr BS Lect Horticul Walnut Brdg and Prod 12N F SOMMER PhD Lect Physiol Plant Growth Sub-Stances Irradiation

12W P TUFTS PhD Prof (Emeritus) Pomol Horticult Plant Physiol and Morphol

12KIYOTO URIU PhD Lect Physiol Mineral Nutr and Irrig of Deciduous Fruits

2VICTOR VOTH BS Horticul Small Fruits

Poultry Husbandry

1110

12F W HILL PhD Prof and Chmn of Dept Nutr Energy Metabolism

12Mrs URSULA H ABBOTT PhD Assoc Prof Genet Avian Developmental Population

12H J ABPLANALP PhD Assoc Prof Genet-Breeding 12V S ASMUNDSON PhD Prof Genet (Emeritus)

12C R GRAU PhD Prof Nutr-Embryo

25E A JOHNSON MS Poultry Husb

12F H KRATZER PhD Prof Nutr Anim Metabolism 12F W LORENZ PhD Prof Physiol Reproduction

12F X OGASAWARA PhD Asst Prof Physiol Reproduction Mat

124D W PETERSON PhD Assoc Prof Nutr Poultry Products Muscle Biochem

12A H SMITH PhD Prof Physiol Environmental Physiol

12B W WILSON PhD Asst Prof Physiol Cell Physiol 12W O WILSON PhD Prof Poultry Mgt Environmental

Physiol Neuro Endrocrinol

Sails and Plant Nutrition

12P R STOUT PhD Prof and Chmn of Dept Davis and Berkeley and Director of Kearney Foundation of Soil Science Soil Chem Plant Soil Interrelations

12D G'ALDRICH Jr PhD Prof Chem Fert and Mgt

12E L'BEGG BS Lect Soil Surv

12F E BROADBENT PhD Prof Soil Microbiol Introgen Transformation

12A L BROWN PhD Lect Soil Chem Micronutrients
12R G BURAU PhD Asst Prof Soil Sci Soil Chem Colloids
2A B CARLTON MS Spec Peat Land Mgt and Conserv

12L E DAVIS PhD Prof (Emeritus) Soil Chem Nitrogen Transformation

12C C'DELWICHE PhD Prof Soil Sci and Biochem Keamey Foundation

12EMANUAL EPSTEIN PhD Lect Plant Physiol Trans-Location by Plants

12F F HARRADINE PhD Prof Soil Morphol Surv Correlation

2G L HUNTINGTON PhD Soil Surv

12J J JURINAK PhD Lect Soil Chem Surface Chem of Soils

12J L McMURDIE PhD Asst Prof Soil Phys Soil Deformation

12H M'REISENAUER PhD Lect Soil Sci in Kearney Foundation Soil Fert and Plant Nutr

12V V RENDIG PhD Prof Plant Physiol Soil Plant Interrelationship

12JAMES VLAMIS PhD Lect Plant Physiol Soil Fert

Soils and Plant Nutrition-Continued

12J A VOMOCIL PhD Assoc Prof Soil Phys Soil Compaction

124L D WHITTIG PhD Assoc Prof Soil Chem Soil Genesis

Vegetable Crops 1130

12J E KNOTT PhD DSc Prof and Chmn of Dept Davis and Riverside Plant Physiol Environment

2J C BISHOP MS Veg Crops Plot Work

12G N DAVIS PhD Prof Oler Brdg

2R M DAVIS Jr PhD Oler Physiol Res 12W J FLOCKER PhD Lect Oler Soil Compaction and Water Relat

2G C HANNA BS Oler Brdg

12J F HARRINGTON PhD Prof Oler Seed Prod

12F D HOWARD PhD Lect Oler Biochem of Growth and Devlmpt

2B J HOYLE MS Veg Crops Plot Work

12J C LINGLE PhD Assoc Prof Oler Nutr Fertilizer
12J H MacGILLIVRAY PhD Prof Oler Quality and Food Value Studies

12L K MANN PhD Prof Oler Anatomy Fruit Set Problems

12i. L MORRIS PhD Prof Oler Post Harvest Physiol

124H K PRATT PhD Prof Plant Physiol Post Harvest

124LAWRENCE RAPPAPORT PhD Lect Oler Post

Harvest Growth Regulators 12C M RICK Jr PhD Prof Genet Tomatoes Brdg Crucifers

12P G SMITH PhD Prof Oler Brdg Taxonomy of Peppers 12A R SPURR PhD Assoc Prof Oler Histopath Studies

2HERMAN TIMM PhD Oler Potatoes

2J E WELCH PhD Oler Brdg

12MASATOCHI YAMAGUCHI PhD Lect Oler Physiol and Biochem Studies on Devlmpt

2M B ZAHARA BS Veg Crops Time and Motion Studies 2F W ZINK Jr MS Veg Crops Growth Rates

Veterinary Medicine ADMINISTRATION

1140

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12C E CORNELIUS DVM PhD Assoc Dean of Sch of Vet Med Phone 753 4011 X368

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12L M JULIAN DVM PhD Prof and Chmn of Dept

2V E EBERLY DVM Asst Spec in Exp Sta 12L J FAULKIN MA Acting Asst Prof and Acting Asst Anat

2J R GILLESPIE DVM Asst Spec in Exp Sta

12L Z McFARLAND DVM PhD Asst Prof and Asst Anat

12W S TYLER DVM PhD Assoc Prof and Assoc Anat

AVIAN MEDICINE

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12R A BANKOWSKI DVM PhD Prof and Vet

2C H BIGLAND DVM DVPH MSc Assoc Vet in Exp Sta

12MOSHE SHIFRINE PhD Lect and Asst Microbiol

2F T STECK DVM Asst Spec in Exp Sta

2R YAMAMOTO PhD Asst Microbiol in Exp Sta CLINICAL PATHOLOGY

120 W SCHALM DVM PhD Prof and Chmn of Dept

2E J CARROLL PhD Assoc Spec in Exp Sta

12C E CORNELIUS DVM PhD Assoc Prof and Assoc Vet

12D E JASPER DVM PhD Prof and Vet
12J J KANEKO DVM PhD Asst Prof and Asst Vet

2A S MIA DVM Asst Spec in Exp Sta 12R SCHNEIDER DVM Lect and Asst Spec

MEDICINE, SURGERY AND CLINICS

12R H CELLO DVM Prof and Acting Chmn of Dept Internal Med & Opthomology

12A C ASBURY DVM Asst Prof and Asst Vet Surgery 12J F CHRISTENSEN DVM PhD Prof and Vet Internal

Med 12R S DOWNEY DVM Lect and Asst Spec Radiology
12A G EDWARD DVM Lect and Spec in Exp Sta Lab

Anim Dis

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Veterinary Medicine-Continued Viticulture and Enology-Continued 12M E FOWLER DVM Asst Prof and Asst Vet Med and 12A D'WEBB PhD Prof Enol Aroma and Flavor Toxicol Constituents 12J D GRIFFITHS BVSC Lect and Spec in Exp Sta 12A J WINKLER PhD Prof and Vitic (Emeritus) Small Anim Med 12T J HAGE DVM Assoc Prof and Assoc Vet Radiol Zoology 1160 12C A HJERPE DVM Asst Prof and Asst Vet Med 12M A MILLER PhD Prof and Chmn of Dept Zool 12J A HOWARTH DVM PhD Assoc Prof and Assoc Vet Crustacea 124E W JAMESON Jr PhD Prof Zool Hawks Intern Med and Infec Dis 12J P HUGHES DVM Assoc Prof and Assoc Vet Obstet 25J O KEITH MS Biol Pesticides 12W M LONGHURST PhD Lect Zool Ecol Relat Wildlife and Gynecol 12J W KENDRICK DVM MS Prof and Asst Vet Obstet and to Agr Gynecol 25L H MILLER PhD Prof Biol Avian Paleontology 12BLAINE McGOWAN Jr DVM Assoc Prof and Assoc Vet (Emeritus) Med and Ecol 12L E ROSENBERG PhD Prof Zool Protozoology and 12VIRGINIA D PERRYMAN DVM Lect and Asst Spec Med 12E A RHODE Jr DVM Assoc Prof and Assoc Vet Med 124R L RUDD PhD Asst Prof Zool Pesticides 12T I STORER PhD Prof Zool (Emeritus) and Cardiol 25ADOLPH ZAJANC BS Biol Starling Control 12B C TENNANT DVM Asst Prof and Asst Vet Obstet and Gynecol 12G H THEILEN DVM Asst Prof and Asst Vet Surg and 1170 Oncology
12J D WHEAT DVM Prof and Vet Surg 2JACK PANGBORN MA Spec Expt Sta (Electron Microscope Lab) 12ALIDA P WIND DVM Lect and Assoc Spec Surg MICROBIOLOGY Los Angeles 24 12Jr DOUGLAS PhD Prof Parasitol and Chmn of Dept
20 AALUND DVM Asst Spec in Exp Sta Engineering (Agr) 1180 12R L'PERRY ME Prof and Vice Chmn of Dept Davis 12N F BAKER DVM PhD Assoc Prof and Assoc Parasitol 12E L BIBERSTEIN DVM PhD Assoc Prof and Assoc and Los Angeles Microbial 2R M PERKINS BS Asst Spec Expt Sta 12H S CAMERON DVM PhD Prof and Microbiol Entomology
12WALTER EBELING PhD Prof 1190 2K R CUNDY MS Asst Spec in Exp Sta 12D G McKERCHER DVM PhD Prof and Virol 2R J PENCE Spec Expt Sta 12J W OSEBOLD DVM PhD Prof and Microbiol 12C W STORMONT PhD Prof and Serol Extension Service (Agr) 1200 PATHOLOGY 12D R CORDY DVM PhD Prof and Chmn of Dept
12D L DUNGWORTH PhD Asst Prof and Asst Path
12P C KENNEDY DVM PhD Assoc Prof and Assoc Path
12J E MOULTON DVM PhD Assoc Prof and Assoc Path 3Mrs HELEN E GOODRICH BA Area Home Econ Consum Mktg (808 No Spring LA 12) 3M H KIMBALL MS Ext Bioclimatol 3L D SANBORN BS Ext Mktg Technol (808 No Spring LA 12) 12W P RICHARDS MVSc Lect and Asst Spec PHYSIOLOGICAL SCIENCES 12S A PEOPLES MD Prof Compar Pharmacol and Chmn of Floriculture and Ornamental Horticulture 1210 12V T'STOUTEMYER PhD Prof and Chmn of Dept Dept 12W P HACKETT PhD Asst Prof 12A L BLACK PhD Prof and Biochem 12B L'JOHNSON PhD Prof 12R A FREEDLAND PhD Asst Prof and Asst Biochem 12A M KOFRANEK PhD Assoc Prof 12V B YOUNGNER PhD Assoc Prof 12L W HOLM PhD Prof and Physiol 12FREDDY MOLLER DVM Lect and Asst Res Biochem 2D MONTY DVM Asst Spec in Exp Sta 12H R PARKER DVM PhD Asst Prof and Asst Physiol Irrigation and Soil Science 12A F PILLSBURY Engin Prof and Chmn of Dept 12O R LUNT PhD Prof 2P T SAH PhD Pharmacol in Exp Sta PUBLIC HEALTH 12W R PRITCHARD DVM PhD JD Actg Chmn of Dept Plant Biochemistry 12J B ENRIGHT PhD Assoc Prof and Assoc Microbiol 12W W SADLER DVM Assoc Prof and Assoc Microbiol 1220 12ARTHUR WALLACE PhD Prof and Chmn of Dept 12S H CAMERON PhD Prof 12L M SHANNON PhD Assoc Prof Viticulture and Enology 12J A COOK PhD Assoc Prof of Vitic and Chmn of Dept Plant Pathology 1230 Vitic Mineral Nutr 12J G BALD PhD Prof 2C J ALLEY PhD Vitic Disease-free Root Stock 12M A AMERINE PhD Prof Enol Enol-controlled Riverside Fermentation 12H W BERG MS Prof Enol Color Extraction 121 F GUYMON PhD Prof Enol Brandy Research
2W M KLIEWER PhD Vitic-biochem Invest
12R E KUNKEE PhD Asst Prof Enol Biochem of 12C M McKELL PhD Lect and Vice Chmn of Dept Davis and Riverside 2J R GOODIN PhD Lect and Asst Agron 25R E LUEBS PhD Assoc Expt Sta (Agron) Microbiol Fermentation 12L A LIDER PhD Assoc Prof Vitic DevImpt of New 12D M YERMANOS PhD Asst Prof and Asst Agron Root Stock 12K E NELSON PhD Assoc Prof Vitic Grape Storage Biochemistry 1250 12H P OLMO PhD Prof Vitic Brdg New Varieties 12W B SINCLAIR PhD Prof and Chmn of Dept 12C S OUGH BS Lect Eval of Wine Grapes 12I L EAKS PhD Lect and Plant Physiol 12V I SINGLETON PhD Lect Enol Wine Aging 25MASAMI UOTO PhD Vitic Hort 124R J WEAVER PhD Prof Vitic Growth Regulators 12L C ERICKSON PhD Lect and Plant Physiol 12J B MUDD PhD Asst Prof and Asst Biochem

12E A G NOLTMANN PhD Asst Prof and Asst Biochem

3R C ROCK MS Ext Econ

Horticultural Science

3R D VAN BRACKLE BS Ext Inform Spec

12WALTER REUTHER PhD Prof and Chmn of Dept

Biochemistry-Continued Horticultural Science-Continued 2B O BERGH PhD Asst Genet 12W P BITTERS PhD Prof and Hort 12A W NORMAN PhD Asst Prof and Asst Biochem 12LAWRENCE ORDIN PhD Asst Prof and Asst Biochem 2B S BOSWELL BS Assoc Spec Expt Sta (Hort Sci)
2G A CAHOON PhD Asst Hort
12J W CAMERON PhD Lect and Genet 12N G PON PhD Asst Prof and Asst Biochem
12F M TURRELL PhD Prof and Plant Physiol
12R T WEDDING PhD Assoc Prof and Assoc Plant 2C W COGGINS Jr PhD Asst Plant Physiol 12B E DAY PhD Lect and Plant Physiol 2T W EMBLETON PhD Hort Biological Control 1260 12C A FLESCHNER PhD Prof and Actg Chmn of Dept 25J R FURR PhD Assoc Expt Sta (Hort Sci) Riverside and Berkelev 2B L GROVER PhD Asst Hort 2H Z HIELD BA Spec Expt Sta (Hort Sci)

12W W JONES PhD Prof and Hort

2L S JORDAN PhD Asst Plant Physiol 2B R BARTLETT PhD Assoc Ent 2E C BAY PhD Asst Ent 2E C BAY PND ASSI Ent
25D W CLANCY PhD Assoc Expt Sta
12P H DeBACH PhD Prof and Ent
2T W FISHER PhD Asst Ent
12I M HALL Jr PhD Assoc Prof and Assoc Insect Path
2E F LEGNER PhD Asst Ent 12J D KIRKPATRICK PhD Lect and Asst Hort 2C K LABANAUSKAS PhD Asst Hort 2Mrs MARGARET M LESLEY PhD Assoc Expt Sta (Hort Sci) 12L N LEWIS PhD Lect and Asst Hort
2J D MANN PhD Asst Biochem
2P W MOORE BS Spec Expt Sta (Hort Sci) 2D C LLOYD PhD Assoc Expt Sta (Biol Control) 2J A McMURTRY PhD Asst Ent 2E A OATMAN PhD Asst Ent 2T MURASHIGE PhD Asst Plant Physiol 2E M NAUER BS Assoc Spec Expt Sta (Hort Sci) Entomology 1270 2G E CARMAN PhD Ent and Chmn of Dept Riverside 2D T SEAMOUNT PhD Asst Spec Expt Sta (Hort Sci) Economist Farm Labor Studies Mechanization and Los Angeles 12L D ANDERSON PhD Prof and Ent 12R J SMITH PhD Prof and Agr Econ Farm Labor Studies 2E L ATKINS Jr MS Spec Expt Sta (Ent)
12M M BARNES PhD Prof and Ent Mechanization of Cultural Operations and Harvesting 12R K SOOST PhD Assoc Prof and Assoc Genet 12W B STOREY PhD Prof and Hort 20 C TAYLOR PhD Assoc Hort 12A M BOYCE PhD Prof and Ent 12L R BROWN PhD Assoc Prof and Assoc Ent 12R C DICKSON PhD Prof and Ent 2H S ELMER MS Assoc Spec Expt Sta (Ent)

12W H EWART PhD Prof and Ent

12T R FUKUTO PhD Assoc Prof of Ent and Assoc Insect 1300 2I J THOMASON PhD Assoc Nematol and Vice Chmn of Dept Davis and Riverside 2R C BAINES PhD Plant Nematol
2C E CASTRO PhD Asst Chem Toxicol 2L K GASTON PhD Asst Chem 2REINHOLD MANKAU PhD Asst Nematol 12G P GEORGHIOU PhD Lect and Asst Ent 2Mrs SAROJAM MANKAU PhD Assoc Expt Sta 12F A GUNTHER PhD Prof of Ent and Chem (Nematol) 12R N JEFFERSON PhD Prof and Ent 2L R JEPPSON PhD Ent 12D L LINDGREN PhD Lect and Ent 12S A SHER PhD Assoc Prof and Assoc Nematol 2S D VANGUNDY PhD Asst Nematol 12R B MARCH PhD Prof and Ent Plant Pathology 2Mrs ESTHER R METCALF PhD Assoc Expt Sta (Ent) 12J B KENDRICK Jr PhD Prof and Chmn of Dept River-12R L METCALF PhD Prof and Ent 12M S MULLA PhD Lect and Asst Ent 2J C ORTEGA BS Spec Expt Sta (Ent) side and Los Angeles 12E C CALAVAN PhD Prof and Plant Path 12H T REYNOLDS PhD Prof and Ent 25J B CARPENTER PhD Assoc Expt Sta (Plant Path)-12E F DARLEY PhD Lect and Plant Path
12P R DESJARDINS PhD Assoc Prof and Assoc Plant 12L A RIEHL PhD Lect and Ent 2E I SCHLINGER PhD Assoc Ent 12H H SHOREY PhD Lect and Asst Ent
12V M STERN PhD Assoc Prof and Assoc Ent
12R G STRONG PhD Lect and Asst Ent Path 12J W ECKERT PhD Asst Prof and Asst Plant Path 12R M ENDO PhD Asst Prof and Asst Plant Path 12D C ERWIN PhD Assoc Prof and Assoc Plant Path 1280 25L S JONES BS Assoc Expt Sta (Plant Path) Extension Service (Agr) 3H W SCHWALM BS Asst State Dir 25G H KALOOSTIAN MS Assoc Expt Sta (Plant Path)
12M J KOLBEZEN PhD Lect and Assoc Chem 3A D AULENBACHER MS 4-H Club Spec 12I MALCA PhD Lect and Asst Plant Path 3R M BOARDMAN BA Ext Infom Spec 3R L BRANSON PhD Ext Soils and Water Spec 12J T MIDDLETON PhD Prof and Plant Path
12WILLIAM MOJE PhD Lect and Assoc Chem
12D E MUNNECKE PhD Assoc Prof and Assoc Plant 3R M BURNS BS Ext Hort Technol
3A S DEAL MS Ext Ent
3W H ISOM PhD Ext Agron Path 3T M LITTLE PhD Ext Veg Crops Spec 3C D McCARTY BA Ext Hort Technol 3A W MARSH PhD Ext Irrig and Soils Spec 125T S PINE PhD Lect and Assoc Expt Sta (Plant Path) 12HENRY SCHNEIDER PhD Lect and Plant Path 12E R STEPHENS PhD Lect and Assoc Expt Sta (Plant Path) 3A O PAULUS PhD Ext Plant Path 3H F PHELPS MS Ext Econ 12P H TSAO PhD Asst Prof and Asst Plant Path
2Mrs PAMELA W TSAO MS Assoc Expt Sta (Plant Path) 3R G PLATT BS Ext Subtropical Hort 3Mrs MARIAN G PRENTISS MS Asst Prog Leader Home 12J M WALLACE PhD Lect and Plant Path 12L G WEATHERS PhD Lect and Assoc Plant Path 25N S WILSON MS Assoc Expt Sta (Plant Path) 3J D RADEWALD PhD Ext Plant Nematol 12G A ZENTMYER PhD Lect and Plant Path 3J M RIBLE PhD Ext Technol

Soils and Plant Nutrition

Plant Nutr)

1290

12N T COLEMAN PhD Prof and Chmn of Dept 12F T BINGHAM PhD Assoc Prof and Assoc Chem 2G R BRADFORD MS Assoc Spec Expt Sta (Soils and

1370

Soils and Plant Nutrition-Continued

2R F BREWER PhD Assoc Chem 12H D CHAPMAN PhD Prof and Chem

2F M EATON PhD Assoc Expt Sta (Soils and Plant Nutr)

2R B HARDING PhD Assoc Chem
12JOHN LETEY Jr PhD Asst Prof and Asst Soil Phys 2G F LIEBIG BA Assoc Spec Expt Sta (Soils and Plant Nutr)

12J P MARTIN PhD Prof and Chem

12J J OERTLI PhD Asst Prof and Asst Soil Sci

12A L PAGE PhD Asst Prof and Asst Chem

12F F PETERSON PhD Asst Prof and Asst Chem

12P F PRATT PhD Assoc Prof and Assoc Chem

12S J RICHARDS PhD Prof and Soil Phys 2L H STOLZY PhD Assoc Soil Physicist

2A P VANSELOW PhD Chem

12E F WALLIHAN PhD Assoc Prof and Assoc Chem

1330

1360

Vegetable Crops

120 A LORENZ PhD Prof and Vice Chmn of Dept Davis and Riverside

2G H CANNELL PhD Assoc Soil Phys

2P D LEGG PhD Asst Genet

12L F LIPPERT PhD Lect and Asst Oler

12JAMES LYONS PhD Lect and Asst Plant Physiol

20 D McCOY BS Assoc Spec Expt Sta (Veg Crops)

2F H TAKATORI BS Assoc Spec Expt Sta (Veg Crops)

2K B TYLER PhD Assoc Oler

1340

12M J GARBER PhD Lect and Assoc Biomet (Biomet

Field Stations 1350

Agricultural Field Stations PO Davis-

2J L MYLER MS Spec Expt Sta and Head
2E P SPECK BS Spec Expt Sta and Asst Head
2E M BROCK MA Asst Spec Expt Sta

2W E HOWARD PhD Assoc Vertebrate Ecol

Antelope Valley PO Lancaster-

2W D BURGE PhD Assoc Spec Expt Sta and Supt Deciduous Fruit PO San Jose -

A M AMSTUTZ Prin Supt of Cult and Supt

Hopland PO Hopland-

2A H MURPHY BS Spec Expt Sta and Supt

Imperial Valley PO El Centro—
2GF WORKER Jr MS Assoc Spec Expt Sta and Supt

Keamey Horticultural PO Reedley-

2A W FRY MS Assoc Spec Expt Sta and Supt

Lindcove PO Visalia

Sierra Foothill Range

Box 187 PC Browns Valley

South Coast PO Santa Ana-

2D F MILLEN Spec Expt Sta and Supt

Tulelake PO Tulelake-

2B J HOYLE MS Assoc Spec Expt Sta and Supt

West Side PO Five Points-

2C R POMEROY MS Spec Expt Sta and Supt

Departmental Field Stations

Deciduous Fruit PO Winters-

Dept of Pomol Davis

Grape PO Napa-

Dept of Vitic and Enol Davis

Rice PO Biggs-

Dept of Ayron Davis

COLORADO

The Colleges of Agriculture, Engineering, Forestry, Home Economics, and Veterinary Medicine, the Agricultural Experiment Station, and the Cooperative Extension Service of Colorado State University, Fort Collins

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

123W E MORGAN MS LLD Pres

12L H WATTS MS Dir of Agr Proms and Dir of Ext Serv (Tel 491-6281)

12S S WHEELER PhD Dean of Col of Agr and Dir of Sta (Tel 491-6274)

1E J F EARLY MEd Asst Dean of Agr

1A G CLARK MS Dean of Faculty (Tel 491-6614)

12D F HERVEY PhD Prof Range Mgt & Assoc Dir of Sta

1J M WHALLEY MS Treas and Bus Mgr 2G W HAMILTON BS Adm Asst to Dir

1380 Agronomy 12R S WHITNEY PhD Prof and Head of Dept Soil Chem 12K G BRENGLE MS Asst Prof Fert Mgt

5A J CLINE BS Soil Sci Soil Genesis Classification and Mapping

5C V COLE PhD Soil Sci Soil Chem

12D W CRUMPACKER PhD Asst Prof Crop Brdg Hybridization Corn

12B C CURTIS PhD Assoc Prof Crop Brdg Hybridization Small Grains

12R E DANIELSON PhD Assoc Prof Soil Phys
12A D DOTZENKO PhD Assoc Prof Pasture and For Crops

5C L FLY PhD Soil Sci Soil-Water-Plant Interrelations

5R H FOLLETT MS Soil Sci Fert Mgt 5A R GRABLE PhD Soil Sci Soil Phys

2T E HADDOX BS Junior Agron Crop Brdg Hybridization Barley Genet

12T E HAUS PhD Prof Crop Brdg Hybridization Small Grains

SEDWIN JAMES PhD Head of Natl Seed Storage Lab Seeds

12D D JOHNSON PhD Prof Soil Bact
125W D KEMPER PhD Assoc Prof and Soil Sci Soil Physics

12W H LEONARD PhD Prof Crop Brdg Hybridization

12W L LINDSAY PhD Assoc Prof Soil Chem Micronutrients

12R D MILLER MS Instr Soil Bact

3C E NELSON MS Ext Agron (Seed Certif) Seeds SS R OLSEN PhD Soil Sci Soil Chem

5LEROY POWERS PhD Prin Genet Sugar Crops Sect Crop Brdg Hybridization

23J O REUSS PhD Asst Agron and Ext Soils Spec Sail Chem

12D W ROBERTSON PhD. Prof Crop Brdg Hybridization Barley Genet

125D S ROMINE MS Assoc Prof Soil Genesis Classif and Mappina

12S D ROMSDAL MS Asst Prof Soil Fert Micronutrients

12W R SCHMEHL PhD Prof Soil Fert Chem
3W G STEWART BS Ext Agron Field Crops

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5F S WATANABE MS Soil Sci Soil Chem
5C J WHITFIELD PhD Soil Sci Soil-Water-Plant-Residue Interrelations

12D R WOOD PhD Prof Crop Brdg Hybridization

Animal Disease 1390 12RUE JENSEN DVM PhD Dean of Col of Vet Med

Chief Anim Dis Sect

1W A AANES DVM MS Assoc Prof Vet Clin and Surg 1YAHYA ABDELBAKI DVM MS Asst Prof Anat

10 R ADAMS DVM MS Prof and Head Dept of Vet Clin and Sura

12A F ALEXANDER DVM PhD Asst Path 1M D BAUM DVM MPH Prof Vet Pub Health

12MAXINE M BENJAMIN DVM MS Prof Clin Path

1J L BEST PhD Prof Physiol

1DOROTHY BILLENSTEIN PhD Asst Prof Vet Anat

1F L BLACK DVM BS Instr Vet Med

1N H BOOTH DVM PhD Prof and Head of Dept of Vet Physiol

1410

Animal Disease-Continued

JH E BREDECK PhD Assoc Prof Physiol
W BROWN DVM Ext Vet
W D CARLSON DVM PhD Prof Radiol

12E J CARROLL DVM Asst Prof Obstet

12J M CHENEY DVM Instr Parasit
1GUS CHOLAS DVM Asst Prof Vet Pub Health

12T L CHOW BVS PhD Assoc Prof Microbiol
1N K CLAPP DVM BS Inst Vet Clin and Surg

12J R COLLIER DVM PhD Prof and Head Dept Path

and Microbial

1J E CREED DVM Instr Vet Med 1ADRIAN H DAHL PhD Prof Rad Biol

1R W DAVIS DVM MS Prof and Head Dept of Vet Anat
1G P EPLING DVM MS Prof Histol
12L C FAULKNER DVM Assoc Prof Clin and Surg
1E E FLAMBOE PhD Assoc Prof Physiol
1J C FLINT DVM PhD Prof Path

12R D FRANDSON DVM MS Prof Vet Anat 1E L GILLETTE DVM MS Instr Radiol

12J J GILROY PhD Asst Prof Microbiol 12L A GRINER DVM PhD Prof Path

1S G HASTINGS VMD Instr Vet Med 1R A HERIN DVM MS Asst Prof Physiol

12A B HOERLEIN DVM PhD Prof Microbiol

12N R HOMAN BS Asst Anim Husb
12M L HOPWOOD PhD Prof Endocrin and Physiol

1J T INGRAM DVM Asst Prof Clin and Surg

IR A KAINER DVM MS Asst Prof Anat

1R A KAINER DVM MS Asst Prof Anat

12T KRAMER DVM Temp Pt Time Junior Path

12D C LEUKER PhD Asst Prof

1W V LUMB DVM PhD Assoc Prof Vet Med

1J F MASKEN MS Temporary Instr Physiol

1HERMANN MEYER DVM PhD Assoc Prof Vet Anat

12D D MAAG PhD Prof and Head of De

1PARVIZ AZARI Asst Prof

1R E CARLSON PhD Prof

11Z W CHARKEY PhD Prof and Chem

1E B CRONE PhD Assoc Prof

12V A MILLER DVM MS Prof Microbiol
1J P MORGAM DVM MS Instr Vet Med

1S M MORRISON PhD Prof Microbiol

12J E OGG PhD Assoc Prof Microbiol
1S A PATTERSON MD Assoc Prof Radiol

IR E PIERSON DVM Assoc Prof Vet Med

1R E PIERSON DVM ASSOC FIGURE VERWELL
12ROBERT RUBIN DVM MS Prof Parasitol
1G A SEVERIN DVM Asst Prof Vet Med
1J N SHIVELY DVM MPH Sr Pub Health Serv Investig
1K W SMITH DVM MS Prof Vet Clin and Surg

IF E SOUTH PhD Assoc Prof Physiol

1R P TENGERDY PhD Assoc Prof Physiol
1R P TENGERDY PhD Asst Prof Microbiol
12R H UDALL DVM PhD Prof Nutr
1J L VOSS DVM Asst Prof Vet Clin and Surg
1L K WAYT DVM MS Prof and Head Dept of Vet Med
1F W WHICKER BS Junior Radiobiol

1C E WHITEMAN DVM PhD Assoc Prof Path and Microbiol

1D H WILL DVM MS Assoc Prof Physiol

1400 **Animal Science**

12C D STORY PhD Prof and Head of Dept

1T R BLACKBURN MS Assoc Prof Swine

124W E CONNELL MS Prof Livestock
12D A CRAMER PhD Assoc Prof Meats
3W R CULBERTON BS Asst Ext Anim Husb
12F C DAUGHERTY MS Assoc Prof Beef Cattle

12A L ESPLIN PhD Assoc Prof Sheep
12J E JOHNSON MS Instr Radiobiol
3D C JORDAN MS Ext Dairyman

127 A MARCHELLO MS Instr Meats
123J K MATSUSHIMA PhD Prof and Anim Nutr and Ext Livestock Spec 12E K McKELLAR MS Assoc Prof Dairy Husb 2J G NAGY MS Junior Anim Sci

3P S PATTENGALE MS Ext Anim Husb

3G E SCOTT MS Ext Sheep and Wool Spec 12W E SNYDER PhD Assoc Prof Dairy Mfg

12H H STONAKER PhD Prof Anim Brdg

Animal Science-Continued

12L E WASHBURN PhD Prof Anim Nutr

Botany and Plant Pathology

12J L FULTS PhD Prof and Head of Dept

12JACK ALTMAN PhD Assoc Prof Plant Path

124R R BAKER PhD Prof Plant Path

12H E CHAMBERLAIN MSc Junior Plant Physiol

3L E DICKENS PhD Plant Path

1B M GARDNER MSc Asst Prof Bot

5J O GASKILL MSc Plant Path

1R G HACKER PhD Assoc Prof Plant Path

12H D HARRINGTON PhD Prof Plant Classif

2M D HARRISON PhD Asst Prof Plant Path

12BRUNO KLINGER MSc Assoc Prof Bot 12W A KREUTZER PhD Prof Plant Path

1G H LANE MSc Assoc Prof Bot 12C H LIVINGSTON MSc Assoc Prof Plant Path

2D L LINDSEY MSc Junior Plant Path

2NAGAYOSHI OSHIMA PhD Asst Plant Path

1R V PARKE PhD Assoc Prof Plant Anat 2D J PHILLIPS MSc Junior Plant Pathol

1C W ROSS PhD Asst Prof Plant Physiol
12M A ROSS MSc Junior Plant Physiol
12F B SALISBURY PhD Prof and Plant Phys

2R I STARR MS Junior Plant Physiol
2Mrs MILDRED L THORNTON MSc Seed Anal
1R T WARD PhD Assoc Prof Plant Ecol

1420

12D D MAAG PhD Prof and Head of Dept 1PARVIZ AZARI Asst Prof

1E B CRONE PhD Assoc Prof 1NED A DAUGHERTY Asst Prof

1P R FREY PhD Prof

1JAMES H GIBSON Assoc Prof

1Mrs ADA MAE GUARD BS Instr

12M L HOPWOOD Assoc Prof and Assoc Chem 12DUANE JOHNSON MS Asst Prof and Asst Chem

12GESTUR JOHNSON MS Assic Prof and Assic Chem
12ADELINE K KANO BS Asst Prof and Assic Chem

1W B KING MS Assoc Prof

1J J LEHMAN PhD Prof
1J L MARTIN PhD Assoc Prof
12R P MARTIN PhD Assoc Prof and Assoc Chem

1MARJORIE MAYER MS Asst Prof 1F A MOMANY Asst Prof

1G G OLSON PhD Assoc Prof 1A R PATTON PhD Prof

12Mrs MERLE G PAYNE MS Prof and Chem

1HARRY PULESTON PhD Assoc Prof 1J C ROBERTSON PhD Asst Prof

1J C ROBERTSON PhD Asst Prof 1G H SPLITTGERBER PhD Assoc Prof 12STANLEY SUNDERWIRTH PhD Assoc I

12STANLEY SUNDERWIRTH PhD Assoc Prof and Assoc Chem

14R D THOMPSON PhD Assoc Prof 1G W TOMPKIN PhD Assoc Prof 1C G WARREN PhD Asst Prof

Economics and Sociology

12R B HUGHES PhD Prof and Chmn of Econ

13MANUEL ALERS-MONTALVO PhD Prof Soc

5R L ANDERSON PhD Rural Devlpmt Div ERS USDA

5W H ANDREWS PhD Farm Population Br USDA 5W N CAPENER PhD Mkt Econ Div ERS USDA

3S G CASE MS Community Devlpmt

12C R CREEK MS Assoc Prof Agr Mkt

3H E CRIM MS Farm Mgmt

1G C DILDINE PhD Prof Soc

12L M HARTMAN PhD Assoc Prof Resources Econ

 12H H STONAKER PhD
 Prof Anim Brdg

 12T M SUTHERLAND PhD
 Assoc Prof Anim Genet

 12V B SWANSON MS
 Asst Prof Sheep and Wool

 12W B SWANSON MS
 Asst Prof Sheep and Wool

 12W B SWANSON MS
 Junior Anim Sci

 12W B SWANSON MS
 Junior Anim Sci

 12W B SWANSON MS
 Junior Anim Sci

 12W B SWANSON MS
 Junior Anim Nutr

 12W B SWANSON MS
 Junior Anim Nutr

 12W B SWANSON MS
 Farm Mgmt

1430

1430-1500 Colorado

1440

Economics and Sociology-Continued

12J H LEWIS PhD Asst Prof Agr Mkt

12C Y LIU MA Asst Prof Agr Mkt

4Mrs JEANETTE LYNCH MS Consum Mkta

3S K OAKLEAF BS Agr Econ 1C E RAMSEY PhD Prof Sociol Chmn of Sociol

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12D A SEASTONE PhD Assoc Prof Resource Econ

5H G SITLER MS Agr Adj Br ERS USDA 1S C SMITH PhD Prof Econ 3R C STACK MS Wheat Mktg

3J H WINN MS Livestock Mktg

Education (Agr)

1H L BENSON MEd Prof and Teacher Trainer Trade and Tech Educ

1B H ANDERSON MEd Instr Agr Educ

1R W CANADA PhD Prof Agr Educ

11 C CROSS MEd Asst Prof Agr Educ

1E E JULSON PhD Assoc Prof Agr Educ

Engineering (Agr) 1.450

12N A EVANS PhD Prof and Head Irrig Drainage Ground Water

12R D BARMINGTON BS Assoc Agr Engin Mech

3F E BROWN BS Ext Irrig Spec Irrig

12S J CLARK PhD Asst Prof Dynamics of Mach

12A T COREY PhD Prof Agr Engin Ground Water Hydrology

2R D DIRMEYER BS Asst Geol Engin Seepage Control

12R W HANSON MS Asst Prof Agr Engin Crop Storage Structures

12R A LONGENBAUGH MS Junior Engin Ground Water

2W J PUGH BS Engin Aide Irrig Drainage

30 J TRENARY BS Ext Agr Engin Structures Mech

Engineering (Civil) 1460

12FERDINAND BAER PhD Assoc Prof Atmospheric Sci

4M E BENDER MCE Head and Prof 12L V BALDWIN PhD Assoc Prof Civ Engin Fluid Mech

12G J BINDER PhD Asst Civ Engin Fluid Mech

12M W BITTINGER MSd Assoc Prof Civ Engin

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1470

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Entomology-Continued

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3G T MICKLE MS Dist Agt

3AUDREY M SANDSTEAD MEd Asst State 4-H Club Leader

3C G STAVER MEd State 4-H Club Leader

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12C W BARNEY DF Prof Silvic and Head of For Mat and Util Dept

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12B M HUEY PhD Assoc Prof For Econ 12B M HUEY PhD Assoc Prof For Econ 13R J KOTICH MS Ext Conserv 14R V MILLER MS Instr Range Ecol 15R W MOGREN PhD Prof For Mgt

12J J NORRIS PhD Prof Range Mgt and Ecol Chief Range Conserv

Range Conserv

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1H W STEINHOFF PhD Prof Wildlife Mgt

12H E TROXELL PhD Prof Wood Technol

2T A VAUGHAN PhD Asst Range Rodent Ecol

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12Mrs MAY CONES MS Assoc Prof Home Mgt 3MARY GRINDSTAFF MHE Ext Home Furnishing Spec

Home Economics-Continued Branch Stations-Continued 12DAGMAR GUSTAFSON MS Prof Textiles and Clothing Eastern Colorado Br Sta PO Akron 12Mrs INEZ HARRILL PhD Assoc Prof Foods and Nutr 2C O BONHAM BS Junior Range Conserv 1Mrs MARGARET HAZALEUS BS Instr Gen Home Econ 2ALFRED DENHAM BS Supt IMARTHA HECKE MS Asst Prof Home Mgt 2B E DAHL MS Asst Range Conserv ICATHERINE HOFFMAN MS Asst Prof Occup Ther Mountain Meadows-Soil-Water PO Box 736 Grand Junction 3ANN E JACKSON MA Ext Clothing Spec
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1Mrs JANE SPULAK BS Instr Occup Ther
3Mrs MAY STEWART MS Ext Nutr 2J G WALKER MS Supt 4W T FRANKLIN MS Asst Agron (Soils) 2GEORGE KLACAN PhD Asst Hort 2JAMES TWOMEY MS Junior Hort 12Mrs DORIS C TRUMP MS Asst Prof Foods and Nutr 2MARTIN VAN DYKE MS Junior Nutr Sci 1FRANCES M WATTS MS Asst Prof Textiles and Southeastern Colorado Br Sta PO Springfield 2H O MANN MS Supt Asst Agron U S Central Great Plains Sta PO Akron Clothing 2G O HINZE MS Asst Agron (Crops) 12ADELIA E WEIS PhD Assoc Prof Foods and Nutr 5B W GREB MS Soil Sci Mrs DOROTHY M WELLS MS Asst Prof Mrs WINIFRED WILLIAMS MA Assoc Prof Textiles 50 E HAYS MS Soil Sci 5R W SHAWCROFT BS Soil Sci and Clothing US Potato Station PO Greeley 1Mrs PATRICIA WILSON BS Instr Textiles and Clothing SSALVATORE ALFIERI PhD Supt 5LAWRENCE SCHAAL PhD Assoc Plant Path Western Slope Br Sta PO Austin
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3C M DRAGE BS Ext Hort
23J E ELLS PhD Asst Hort and Ext Can Crops Spec 2C L PETERS MS Asst Hort Western Slope Br Sta 3174 B½ Road Grand Junction 2C R URE PhD Supt Hort 2C E BARNES MS Asst Agron Veg Crops 2A D BULLA BS Junior Ent 3M W FELTON PhD Ext Fot Insp Spec 12R L FOSKETT PhD Assoc Prof 2N S LUEPSHEN PhD Asst Plant Path 2J A OUIST PhD Asst Ent 12K L GOLDSBERRY MS Asst Prof Flor 12J J HANAN PhD Asst Prof Flor 12W D HOLLEY MS Prof Flor CONNECTICUT 1C J C JORGENSEN MS Assoc Prof Fruits
12MILTON WORKMAN PhD Assoc Prof Post Harvest College of Agriculture and the Storrs Agricultural Ex-Phys periment Station of The University of Connecticut, Storrs (Teleg address, Storrs via Willimantic; and RR sta exp ad-Information Service 1520 23G E BEVARD BA Assoc Dir 23D J DALLAS Jr BS Radio-TV Spec dress, Willimantic) 1College Staff 2Station Staff 3Extension Staff 13N P DAVIS BS Vis Aids Spec 4Leave of Absence 5Coop USDA 123Mrs HELEN F MILLER Senior Pub Asst 13Mrs SHIRLEY PARRISH Pub Asst 1570 123T N SHERMAN AA Pub Ed 2J A WALLIZE Jr BA Exp Sta Ed tH D BABBIDGE Jr PhD LLD Pres of Univ 1J M EVANS MBA Fiscal Vice Pres 1A E WAUGH MS Provost of Univ 23Mrs MARCILE N WOOD MS Home Econ Ed 123 W B YOUNG MS DAgr Decen of Col of Agr Dir of Sta Dir of Agr Ext (Tel 429-9.321 Ext 238) Poultry Science 1540 12R E MORENG PhD Prof and Head of Dept 1A I MANN MS Asst Dean of Agr and Dir of Ratcliffe 23H L ENOS MS Asst Poultry Sci and Ext Poultryman 23T E HARTUNG PhD Assoc Poultry Sci and Assoc Hicks Sch of Agr and Short Courses 2W C KENNARD PhD Assoc Dir of Sta Mktg Tech 3H M HANSEN MS Assoc Dir of Agr Ext 12E W KIENHOLZ PhD Asst Prof and Asst Poultry Sci 123J H AUSTIN Comptroller

12B F MILLER PhD Asst Prof and Asst Poultry Sci
12H D MULLER MS Instrand Junior Poultry Sci

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12 H H BAL DWIN PhD Assoc Prof Zool

10 W OLSEN PhD Prof and Head of Dept
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1R R LECHLEITNER PhD Asst Prof Zool
1J F McCLELLAN PhD Assoc Prof Zool.
1DAVID PETTUS PhD Asst Prof Zool Evolution
1E B REED PhD Asst Prof Zool Limnol
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Branch Stations 1560
Arkamsas Valley Br Sta PO Rocky Ford

2J F SWINK BS Supt
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123C F HELMBOLDT DVM PhD Dipl ACVP Prof and Head of Dept Compar Path

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2Mrs CARROLL N BURKE MS Res Asst Vet Virol

2W E BURR MS Asst Prof Vet Serol

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2E R CARMAN BS Res Asst Biochem

2T W CHOMIAK MS Res Asst Vet Virol

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13M N FRAZTER DVM Assoc Prof Avian Clin Med

2EDWARD GARNER DVM Res Asst Compar Path

2R M GREY DVM Res Asst Compar Path

2Mrs BOZENA W HADZILA PhD Res Asst Vet Virol

2R S HIRTH DVM Res Asst Compar Path

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2G H HOTTENDORF DVM Res Asst 2E B HOWARD DVM Res Asst Compar Path

12A J KENYON DVM PhD Assoc Prof Biochem

13E J KERSTING DVM Assoc Prof Clin Mammalian Med 2R E LUGINBUHL PhD Prof Vet Virol

2J H L MILLS DVM Res Asst Compar Path

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2T J PRIDHAM DVM Res Asst Compar Path

2Mrs GRACE C ROVOZZO MS Res Asst Vet Virol

2T R SAWA DVM Res Asst Compar Path

2Mrs SARAH B STEPHENS BS Res Asst Vet Bact

2M E TOURTELLOTTE PhD Assoc Prof Biochem and Bact

2Mrs CHRISTINE J WARD BS Res Asst Vet Virol

2L F WILLIAMS MS Asst Prof Vet Bact

Animal Industries

1590

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3L R BROWN PhD Asst Prof 2M C CALHOUN MS Res Asst

12L R DOWD MSA Prof Dairy Mfg
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3H M HANSEN MS Prof Dairy Husb 1G D HATCH BS Res Asst

12R G JENSEN PhD Assoc Prof Dairy Mfg 12R E JOHNSON MS Assoc Prof Dairy Husb

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12M E MORGAN PhD Prof Dairy Mfg

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12I F FELLOWS PhD Prof

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123A D WALDO PhD Asst Prof

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3W B CORNISH Jr BS Res Asst

12G W HAWKINS Jr BSAE Asst Prof

13M'S KLINCK BSME AgrE Assoc Prof

124J J KOLEGA MSAE Assoc Prof

13E L PALMER MA Asst Prof

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Extension Administration

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123W B YOUNG MS DAgr Dir

3H M HANSEN MS Prof Dairy Husb and Assoc Dir

3R F ARONSON MS Assoc Prof Agr Ext and State 4-H Club Leader

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3NOREEN A RAY MEd Asst Prof Agr Ext and Assoc State 4-H Club Leader

130 S TRASK MA Assoc Prof Agr Ext and 4-H Spec in Older Youth

3G E WHITHAM MS Assoc Prof Agr Ext and County Agt Leader

Genetics (Anim) 1640 2WALTER LANDAUER PhD Prof and Head of Dept

2TAKAO NISHIDA DAgr Res Asst

2L J PIERRO PhD Assoc Prof

Home Economics 1650 12Mrs ELIZABETH ECKHARDT MAY EdD Prof and Dean

of Sch

1Mrs SYLVIA M AHO MS Instr Home Mgt

IELEANOR M BOETTKE MS Assoc Prof Clothing Textiles and Relat Art

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1HELEN G CHAMBERS MA Prof Clothing Textiles and Relat Art

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Nutr IELNA E DANIELS MS Asst Prof Inst Mot and Foods 3EVELYN V HARTLEY MEd Asst Prof Home Furnishings

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Connecticut-Delaware 1660-1780

Plant Science—Continued	Analytical Chemistry—Continued			
3A C BOBB MS Assoc Prof Pomol	2HELEN L KOCABA BS Asst Chem			
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2F H EMMERT PhD Prof Plant Nutr	W O MUELLER MS Asst Chem			
13R J FAVRETTI MS Asst Prof Hort	2S R SQUIRES BS Assoc Chem			
13M D FERRILL DF Asst Prof For	2R E WEST BA Asst Chem			
IW L HARPER MS Asst Prof Flor	2A F WICKROSKI MA Assoc Chem			
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123R P HUNTER PhD Prof Limnol	Biochemistry 1720			
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2W J PUDELKIEWICZ PhD Asst Prof Anim Feeds	2R J LUKENS PhD Assoc Plant Path			
12F A RYAN MS Assoc Prof Poultry Husb	2FRANCES W MEYER BA Asst Plant Path (Diagnosis)			
12R G SOMES PhD Asst Prof Anim Genet	2P M MILLER PhD Assoc Nematol			
123P G STILES PhD Assoc Prof Poultry Prods	S H PATIL PhD Asst Plant Path			
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13D W TALMADGE MS Asst Prof Poultry Husb	EMMANUEL SOMERS PhD Plant Path			
2J J TLUSTOHOWICZ BS Res Asst Poultry Nutr	2E M STODDARD BS Plant Path (General) (Emeritus)			
	2G S WALTON PhD Asst Plant Path (Diagnosis)			
Sociology (Rural) 1680	2MILTON ZUCKER PhD Plant Physiol			
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3C O CRAWFORD PhD Asst Prof and Community Organ	Soils, Climatology, and Forestry 1770			
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12N L WHETTEN PhD Prof	D B DOWNS BS Asst Agr Sci			
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Ext 23)	2H C DeROO PhD Soil Sci			
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2NEELY TURNER MA Vice Dir				
2B B MINER BS Libr and Ed	DELAWARE			
Analytical Chemistry 1710	School of Agriculture, The Agricultural Experiment Sta-			
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2R A BOTSFORD BS Assoc Chem	sity of Delaware, Newark			
2L G KEIRSTEAD BS Assoc Chem	1College Staff 2Station Staff 3Extension Staff			

	1790		
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		IP B SMOOR MS Hydrologist	
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3\$ M GWINN PhD Dir of Ext Ext 432		1L A TAYLOR MA Asst Geol	
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1L B WILLIAMS MS Coordinator of Res Ext 456		1Mrs CATHERINE V BIEBER MS Asst Prof	
123G M WORRILOW Dag Vice Pres for Univ Relat		1A MAUDE BIVINS MS Asst Prof	
Dean Sch of Agr Ext 486 Sta Tel. 368-0611 Ex	t 422	1FERN BROWN MS Asst Prof Inst Mgt	
		3JANET L COBLENTZ MS Nutr Spec	
Agronomy and Engineering (Agr)	1800	1Mrs MARGARET A HAWKINS MS Instr	
123C E PHILLIPS MS Prof and Chmn		1Mrs CATHERINE HUBER Nursing Sch Asst	
2R H COLE PhD Asst Prof		3Mrs ALICE M KING MA Home Demon Leader on	4 E
12L J COTNOIR Jr MS Assoc Prof			a r um
123S H GREEN BS Instr		Life Spec	
23W H MITCHELL PhD Asst Prof		LOUISE LITTLE MS Instr	
123E N SCARBOROUGH MS Assoc Prof Agr Engin		1EVA J McCREARY MS Asst Prof	
123E W WALPOLE MS Asst Prof		3CORAL K MORRIS MS Home Mgt Spec	
123E W WALFOLE MID ASSI PIOI		12ARLETTE I RASMUSSEN PhD Asst Prof	
Art also I D. In Co.	1010	3JANET D REED MS Clothing Spec	
Animal and Poultry Science	1810	1Mrs MAGDALENE TEUFEL MS Assoc Prof Hon	ne Mgt
12M S COVER PhD Prof and Chmn		and Home Equip	
2W J BENTON DVM Res Assoc		MARY E WINES MS Assoc Prof	
3D W BURTON MS Assoc Dairy and Livestock Spe	C		
23J F GORDY BS Poultry Spec		Horticulture	189
12G F W HAENLEIN PhD Res Assoc		12E P BRASHER MS Prof and Chmn	
123W R HESSELTINE PhD Assoc Prof Dairy Indus		12C W DUNHAM PhD Assoc Prof	
12W C KRAUSS DVM Res Assoc		12D J FIELDHOUSE PhD Asst Prof	
3R W LLOYD MS Assoc Ext Poultry Spec		12V J FISHER PhD Assoc Prof	
12D H PALMER MS Res Assoc		12E M RAHN MS Assoc Prof	
12T D RUNNELS MS Assoc Prof		3R F STEVENS MS Hort Spec	
12R L SALSBURY PhD Assoc Prof		SILL OT EACH OND THOIL SPEC	
12P H SAMMELWITZ PhD Asst Prof		Plant Pathology	300
123J H SHROPSHIRE MS Assoc Prof and Livestock S	Snec	123J W HEUBERGER PhD Prof and Chmn	190
	Spec .		
Biochemistry and Food Technology	1820	12H W CRITTENDEN PhD Assoc Prof 12D F CROSSAN PhD Assoc Prof	
2J H McCLENDON PhD Asst Prof and Actg Chmn	1020	12D F Chossan Pild Assoc Pioi	
2ERIC KISSMEYER-NIELSEN PhD Asst Prof		B 16	
12ARLETTE I RASMUSSEN PhD Asst Prof		Rural Communications	1910
12C W WOODMANSEE MS Assoc Prof		23Mrs VIRGINIA LEES BS Ed Asst	
120 II WOODWAINDEL IND ASSOCPIOI		3J L WEBB BS Asst Ed	
Economics (Agr)	1020		
12W E McDANIEL PhD Prof and Chmn	1830	Miscellaneous	1920
		12MARIA ROPPOLO Libr	
13R L BULL BS Agt Mktg and Consum Educ			
2G L COLE MS Asst Prof		Substation	1930
12W M CROSSWHITE MS Asst Prof		23J F GORDY BS Dir	
13D A HAWKES MS Asst Agt in Mktg		2F A D'ARMI MS Res Assoc	
3Mrs ANNE W HOLBERTON MS Spec in Consum Ed	duc	2L M GREENE DVM Poultry Path	
and Mktg		2E L WISK Res Assoc	
12H F KRUECKEBERG MS Asst Prof			
13M G LaPLANTE MS Asst Agt in Mktg		Schools of Agriculture, Home Economics, and Ve	teri.
3W T McALLISTER MS Farm Mgt Spec		nary Medicine, the Agricultural Experiment Station, an	
3J J MILMOE BS Asst Agt in Mktg		Agricultural Extension Service of the Delaware State	u me
13R D SHIPPY MS Asst Agt in Mktg		College, Dover	
12R C SMITH PhD Assoc Prof			
		1College Staff 2Station Staff 3Extension Staff	
	1840	4Leave of Absence 5Coop USDA	•
1R P BARWICK MEd Asst Prof		0000p 002.	
			1940
	1850	13L I MISHOE PhD Pres	
123D F BRAY PhD Prof and Chmn		1R C HENDERSON EdD Dean of Instr	
12P P BURBUTIS PhD Asst Prof		13W R WYNDER EdD Chmn Dept of Agr Sta (Tel 73	24-
2E P CATTS PhD Asst Prof		8271 Ext 73)	
12W A CONNELL PhD Assoc Prof		- LA LINE 1,0)	
12L P KELSEY PhD Asst Prof		Agronomy and Soils	1950
123DONALD MacCREARY MS Prof		1J T HOWELL MS Asst Prof Agr	1730
		1C R KENNERLY MSc Instr Agr	
xtension Administration	1860	TO A REPUBLICANCE INSTRAGT	
3S M GWINN PhD Dir	.500	Charleton (Barrelotana)	
3J O BAKER BS 4-H Club Leader		Chemistry (Regulatory)	1960
3Mrs ALICE M KING MA State Leader Home Econ E	Turk	THARRIET R WILLIAMS MS Head of Dept	
time in third with state Leader nome Econ E	JAL	1D G NICHOLS MS Ch E Asst Prof	
ieology	1070		
1J J GROOT PhD Prof and Geol	1870	Home Economics	1970
		1Mrs EVA V MOORE MS Instr Chmn of Dept	
1R R JORDAN AB Instr in Geol and Geol		IMARGARET L THORPE MS Instr Home Econ	

2010

2020

2030

Home Economics-Continued

1ANNIE W EATON MS Asst Prof Home Econ

1980

3U S WASHINGTON MS Asst Prof Agr

FLORIDA

College of Agriculture, Agricultural Experiment Station, and Agricultural Extension Service of the University of Florida, Gainesville

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

1990

1.1 W REITZ PhD Pres of Univ (FR 6-3261, Ext 2311)

1H M PHILPOTT PhD Vice Pres of Univ

1G W CORRICK Asst to Pres of Univ

1W E JONES BSBA Bus Mgr of Univ 123E T YORK Jr PhD Provost for Agr (FR 6-3261, Ext

1M A BROOKER PhD Dean of Col of Agr (FR-6-3261, • Ext 2321)

1G D THORNTON PhD Asst Dean of Col of Agr

2.1 R BECKENBACH PhD Dir of Sta (FR-6-3261, Ext

2J W SITES PhD Assoc Dir of Sta 2H H WILKOWSKE PhD Asst Dir of Sta

3M O WATKINS DPA Dir of Agr Ext Serv (FR-6-3261, Ext 2446)

3J N BUSBY PhD Asst Dir of Agr Ext Serv 3F E MYERS MAgr Asst Dir of Agr Ext Serv

3J H NININGER Jr BSBA Asst in Adm Agr Ext Serv

23D R BRYANT Ir AB Admin Mgr of Ext Serv and Sta

Agricultural Economics

123H G HAMILTON PhD Prof Agr Econ and Head of Dept

25R L ADDISON Jr MS Asst Agr Statis (PO Orlando)
2D E ALLEGER MS Assoc Agr Econ

3CLIFFORD ALSTON MSA Econ Form Mgt

2B R BENNETT MSA Asst in Agr Econ (PO Orlando)
2D L BROOKE PhD Agr Econ
2T L BROOKS Jr BS Asst in Agr Econ

3E W CAKE PhD Econ Mktg

124H B CLARK PhD Prof and Agr Econ
2C D COVEY PhD Asst Agr Econ

3R A EASTWOOD PhD Econ Mktg
3K M GILBRAITH MSA Veg Mktg Spec

3H C GILES PhD Livestock Mktg Spec

12M R GODWIN PhD Prof and Mktg Econ

12R E L GREENE PhD Prof Agr Econ and Agr Econ 12J R GREENMAN LLB Prof Agr Econ and Agr Econ

3R P HILL MSAE Asst Econ

1M R LANGHAM PhD Asst Prof Agr Econ 12W K McPHERSON MS Prof and Agr Econ

1W W McPHERSON PhD Res Prof Agr Econ

25W T MANLEY PhD Asst Agr Econ

3C C MOXLEY PhD Econ

25J E MULLIN BS Agr Statis (PO Orlando) 12C E MURPHREE DPA Assoc Prof Agr Econ and Assoc Agr Econ

25C A OUTZS BS Asst in Agr Statis
25L A REUSS MS Agr Econ
12W B RIGGAN BS Asst Prof and Asst Agr Econ

2G N ROSE BS Assoc Agr Econ (PO Orlando)

3S E ROSENBERGER PhD Assoc Veg Mktg Spec 2ZACH SAVAGE MSA Agr Econ

2B J SMITH MS Asst Agr Econ 12C N SMITH PhD Prof and Agr Econ 2A H SPURLOCK MSA Agr Econ

25J F STEFFENS Jr BSBA Assoc in Agr Statis

(PO Orlando) 2R G STOUT PhD Asst Agr Econ (PO Orlando)

2F W WILLIAMS PhD Res Econ

25H G WITT MSA Asst Agr Statis (PO Orlando)

Agricultural Engineering

123D T KINARD PhD Prof Agr Engin and Head of Dept 12J F BEEMAN MS Asst Prof Agr Engin and Asst Agr

Engin (Agr Mach) 25E K BOWMAN BS Assoc Indus Engin (Citrus and Veg

Handling)

12R E CHOATE MSA Prof and Agr Engin (Water Mgt)
25W G GRIZZELL BIE Asst Indus Engin (Citrus and

Veg Handling) 3D S HARRISON MSA Assoc Agr Engin (Agr Mach-

Water Mat)

2C G HAUGH PhD Asst Prof and Asst Agr Engin
12E S HOLMES ME Assoc Agr Engin (Rural Civ Defense

Coord)

12J M MYERS MSA Agr Engin (Water Mgt)
3A M PETTIS MSA Assoc Agr Engin (Farm Elec Safety)

12J B RICHARDSON MS Asst Prof Agr Engin and Asst Agr Engin (Agr Structures)

1C J ROGERS MAgr Asst Prof Agr Engin (Agr Mech) 12I J ROSS PhD Asst Prof and Asst Agr Engin (Agr

3T C SKINNER MA Assoc Agr Engin (Agr Structures)

25G E YOST BS Asst Agr Engin (Citrus and Veg. Hand-

Agronomy

12F H HULL PhD Prof Agron and Head of Dept 3S L BROTHERS BSA Asst Agron (Flue Cured Tobacco)

25K D BUTSON MS Climatol

2W A CARVER PhD Agron (Peanuts)
2FRED CLARK MSA Agron Tobacco (Flue Cured Tobacco)

12J R EDWARDSON PhD Assoc Prof and Assoc Agron (Lupines)

2H C HARRIS PhD Agron (Crop Nutr)

3J R HENDERSON MSA Agron

25K C HINSON PhD Asst Agron (Soybeans)

12E S HORNER PhD Assoc Prof and Assoc Agron (Corn Clover)

3D W JONES MSA Assoc Agron

2G B KILLINGER PhD Agron (New Crops)

12A J NORDEN PhD Asst Prof and Asst Agron (Peanuts)
2P L PFAHLER PhD Asst Agron (Small Grains)

2G M PRINE PhD Asst Agron

12E G RODGERS PhD Prof and Agron 12O C RUELKE PhD Asst Prof and Asst Agron 12S C SCHANK PhD Asst Prof and Asst Agron

12V N SCHRODER PhD Asst Prof and Asst Agron

25S H WEST PhD Asst Agron 12MERRILL WILCOX PhD Asst Prof and Asst Agron

2T E WEBB MS Asst Agron and Mgr Seed Foundation

Animal Science 123T J CUNHA PhD Prof Anim Sci and Head of Dept

2C B AMMERMAN PhD Asst Anim Nutr
12L R ARRINGTON PhD Assoc Prof and Assoc Anim Nutr

2J W CARPENTER PhD Asst Meat Sci

12G E COMBS PhD Assoc Prof and Assoc Anim Nutr 12J R CROCKETT PhD Asst Prof and Asst Anim Genet

12G K DAVIS PhD Prof and Anim Nutr and Dir of Nuclear Sci

3K L DURRANCE MAgr Asst Anim Husb 2J F EASLEY MS Int Asst in Anim Nutr

2J P FEASTER PhD Assoc Biochem

12J F HENTGES Jr PhD Assoc Prof and Assoc Anim

12MARVIN KOGER PhD Prof and Anim Genet

12P E LOGGINS MS Asst Prof and Asst Anim Husb
12J E MOORE PhD Asst Prof and Asst Anim Nutr

3J E PACE MSA Assoc Anim Husb

12A Z PALMER PhD Assoc Prof and Assoc Meat Sci 3R L REDDISH PhD Assoc Meats Spec

12R L SHIRLEY PhD Prof and Anim Nutr
12D L WAKEMAN MSA Asst Prof and Asst Anim Husb

12H D WALLACE PhD Prof and Anim Nutr

2100

2120

Animal	Scie	nce-C	ontinue	d		
	C 101	TOTAL	r Di m	-	-	

12A C WARNICK PhD Prof and Anim Physiol

Bacteriology

1M E TYLER PhD Prof of Bact and Head of Dept

(Marine Bacteria) 1W R CARROLL PhD Prof Bact (Molds)

IMENDEL HERZBERG PhD Assoc Prof Bact

1D R MILAM BSA Asst in Bact
1D B PRATT PhD Assoc Prof (Marine Bacteria)
1W S SILVER PhD Assoc Prof (Plant-Microbe Interactions) 1P H SMITH PhD Asst Prof (Methanogenic Bacteria)

2050

12G R NOGGLE PhD Prof Bot and Head of Dept 12D S ANTHONY PhD Assoc Prof and Assoc Biochem

1A D CONGER PhD Prof Radiation Biol

13 H DAVIS PhD Prof Bot
1E S FORD PhD Prof Bot
12G J FRITZ PhD Asst Prof and Asst Plant Physiol IM M GRIFFITH PhD Prof Biol Sci C-6 and Prof Bot

12T E HUMPHREYS PhD Assoc Prof and Assoc Biochem

IC D MONK PhD Asst Prof

1J T MULLINS PhD Asst Prof Biol Sci C-6 and Asst

IYONEO SAGAWA PhD Assoc Prof Bot and Assoc Bot 1W L SELSER EdD Int Asst Prof Bot (Sci Educ)

12D B WARD PhD Asst Prof and Asst Bot

Dairy Science 2060

12E L FOUTS PhD Prof Dairy Sci and Head of Dept (Dairy Prods)

3BARNEY HARRIS Jr PhD Asst Dairyman

2H H HEAD PhD Prof and Asst Dairy Husb

12W A KRIENKE MS Assoc Prof and Assoc Dairy Tech (Dairy Prods)

12S P MARSHALL PhD Prof and Dairy Nutr

12L E MULL PhD Prof and Dairy Tech (Dairy Prods)

3C W REAVES MSA Dairyman

12K L SMITH PhD Asst Prof and Asst Microbiol
2J B WHITE BSA Assoc Dairy Husb (PO Chipley)
12C J WILCOX PhD Asst Prof and Asst Genet

12J M WING PhD Assoc Prof and Assoc Dairy Husb 3H B YOUNG MSA Asst Dairy Technol (Dairy Prod)

2070

23M H SHARPE PhD Ed and Head of Dept

23K B MEURLOTT AB Asst Ed
3E A MOFFETT BS J Asst Commun Spec

2M L SHARPE MA Asst Ed 3R C SMITH Jr BA Asst Ed

3ALMA WARREN MALS Asst Commun Spec (PO Tallahassee)

2MARY C WILLIAMS BA Asst Ed

2080 IW T LOFTEN MAE Prof Agr Educ and Head of Dept

1LEON SIMS MAgr Asst to Head of Dept

Entomology 2090

1J T CREIGHTON PhD Prof Ent and Head of Col Dept (Termites)

2L C KUITERT PhD Ent and Head of Statis Dept (Tobacco and Ornith Pests)

1F S BLANTON PhD Prof Ent (Med)

3J E BROGDON MAGT Assoc Ent (Veg Livestock) 1W T CALAWAY MS Asst Prof Ent (68)

2A A DiEDWARDO PhD Asst Nematol (Turf Nematol) 1J B GAHAN MS Prof Ent (Med)

11 H GILBERT PhD Prof Ent (Med)
2D H HABECK PhD Asst Ent (Veg Insects Immatures)
1L A HETRICK PhD Prof Ent (For Insects)

1R F HUSSEY PhD Prof Ent (Hemiptera)

2S H KERR PhD Assoc Ent (Turf Insects)

IG C LaBRECQUE PhD Assoc Prof Ent (Med)

Entomology-Continued

2040

IMILLEDGE MURPHEY PhD Assoc Prof Ent (Fruit Veg)

12V G PERRY PhD Prof and Nematol (Fruit and Ornith) 2F A ROBINSON MS Asst Apic (Honey Prod Polling-

1W W SMITH PhD Asst Prof Ent (Resistance)
2A N TISSOT PhD Ent (Biol Aphid Taxon)
2R E WAITES PhD Asst Ent (Pesticide Residues)
1T J WALKER PhD Assoc Prof Ent (Orthoptera)

1M J WESTFALL PhD Assoc Ent (Odonata)

2R C WILKINSON PhD Asst Ent (Bark Beetles, Sawflies)

Extension Supervision and Specialists

3B J ALLEN MA Asst State Boys 4-H Club Agt 3PAULINE N BRIMHALL MS Health Educ Spec (PO

Tallahassee)

3W W BROWN MAgr State Boys 4-H Club Agt

3SUSAN R CAMP MS Asst Nutr (PO Tallahassee) 3ELIZABETH DICKENSON MA Clothing and Textile Spec (PO Tallahassee)

3G M GODWIN MAgr Assoc State Boys 4-H Club Agt 3EUNICE GRADY MS Home Econ Training (PO Tallahassee)

13S E GRIGSBY PhD Assoc Prof and Training Spec 3ROBERTA H HALL MS Home Impr Spec (PO Tallahassee)

3RUTH E HARRIS MSHE Fam Life Spec (PO Tallahassee)

3J D HAYNIE BSA Apic (Dis Quality)

3J H HERBERT MSA Conserv

3HELEN D HOLSTEIN MS Dist Home Demon Act (PO Tallahussee)

3ELOISE JOHNSON MSED Dist Home Demon Agt (PO Tallahassee)

3GLADYS KENDALL BA Home Indus and Mkta Spec (PO Tallahassee)

3EMILY KING PhD State Girls 4-H Club Agt (PO Tallahassee)

3LORA H KISER BSHE Dist Home Demon Agt (PO Tallahassee)

3RUTH L MILTON MS Asst State Girls 4-H Club Agt (PO Tallahassee)

3K S McMULLEN MAgr Dist Agt
3BETTY S MIFFLIN MS Asst State Girls 4-H Club Agt (PO Tallahassee)

3F S PERRY MAgr Dist Agt 3W J PLATT Jr MSA Dist Agt 3ANNA M SIKES MS Asst Dir Home Econ Progs (PO Tallahassee)

3ANN ELIZABETH THOMPSON MEd Asst Home Econ Progs (PO Tallahassee)

3G H WHITE MS Asst State Boys 4-H and Club Agt 3IZOLA F WILLIAMS MS Asst Nutr (PO Tallahassee)

Field Operations 2110

2G R FREEMAN MSA Supt 2W H JONES Jr MAgr Asst Supt

Food Technology and Nutrition 12R A DENNISON PhD Prof and Head of Dept (Food

Biochem)

2R B FRENCH PhD Biochem (Anim Nutr)

2C B HALL PhD Assoc Hort (Post Harvest Physiol) 2J H JOHNSON PhD Asst Biochem (Flavor Chem)

12F W KNAPP PhD Asst Prof and Asst Biochem (Food

Biochem) 12G D KUHN PhD Asst Prof and Asst Food Microbiol

(Food Microbiol) 2C H VAN MIDDELEM PhD Biochem (Pesticide

Residues) 12R C ROBBINS PhD Asst Prof and Asst Biochem (Human Nutr)

2R K SHOWALTER MS Hort (Post Horvest Physiol) 2MARGARET E SOSEBEE MS Int Asst in Food Tech

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ood Technology and Nutrition—Continued	Plant Science Section 2180
2RUTH O TOWNSEND RN Asst in Nutr (Human Nutr)	2A T WALLACE PhD Genet in Chg
Forestry 2130	Poultry Science 2190
Forestry 2130 12 J L GRAY MSF Assoc Prof and Head For	123R H HARMS PhD Prof Poultry Nutr and Head of Dept
12S L BECKWITH PhD Assoc Prof and For	3L W KALCH MAgr Asst Poultry Husb
12P W FRAZER MF Assoc Prof and For	3J S MOORE MSA Poultry Husb
12C G GELTZ MSF Prof For	12H R WILSON PhD Asst Prof and Asst Poultry Physiol
12R E GODDARD PhD Asst Prof and Asst Genet 3T G HERNDON MSF Assoc Farm For	Soils 2200
3T G HERNDUN MOF Assoc Form For	00110
12J B HUFFMAN DF Assoc Prof and For	12F B SMITH PhD Prof Microbiol and Head of Dept
3A S JENSEN MS Asst Ext Form For	2W G BLUE PhD Biochem (Soil Fert)
12C M KAUFMAN PhD For	2H L BRELAND PhD Asst Soils Chem
12J W MILLER Jr MSF Prof and For	12R E CALDWELL PhD Assoc Prof and Assoc Soils
12W J PETERS BS Int Asst in For	Chem
12D M POST MSF Asst Prof and For	12V W CARLISLE PhD Asst Prof and Asst Soils Chem
12R K STRICKLAND MS Int Asst in For	(Soil Fert)
12E T SULLIVAN DF Assoc Prof and For	IS N EDSON MS Assoc Prof Soils
12K R SWINFORD PhD Prof and For	2C F ENO PhD Soil Microbiol
12J W WILLINGHAM PhD Assoc Prof For	12J G FISKELL PhD Prof and Biochem (Soil Fert)
	2NATHAN GAMMON Jr PhD Soils Chem
Fruit Crops 2140	12L C HAMMOND PhD Assoc Prof and Assoc Soils Phys
123A H KREZDORN PhD Prof Fruit Crops and Head of	3J H HERBERT Jr MSA Asst Soil Conserv
Dept (Citrus Brdg and Prod)	2C C HORTENSTINE PhD Asst Soils Chem
2R H BIGGS PhD Asst Biochem	2R G LEIGHTY BS Assoc Soil Surv
3R M DAVIS MAgr Asst Hort	2T C MATHEWS BSA Asst Soil Surv
2J F GERBER PhD Asst Climatol	3JAMES NeSMITH PhD Soils Spec
3F P LAWRENCE MAgr Citric	1H L POPANOE PhD Asst Prof
3J D MARTSOF MSA Asst Hort	
2R H SHARPE MS Hort (Peach Persimmon Blueberry	2W L PRITCHETT PhD Soils Tech (Soil Fert) 2W K ROBERTSON PhD Assoc Chem (Soil Fert)
Brdg)	12D F ROTHWELL PhD Assoc Prof Soils and Assoc
2J S SHOEMAKER PhD Hort (Peach Prod Blackberry	Soils Microbiol
Brdg)	12D O SPINKS PhD Prof Soils and Soils Chem
12JAMES SOULE PhD Assoc Prof (Citrus Handling)	2L G THOMPSON Jr PhD Soils Chem
1H S WOLFE PhD Prof Hort (Tropical and Sub-Tropical	2G M VOLK PhD Soils Chem
	2H W WINSOR BSA Asst Chem (Soil Fert)
Fruit Handling)	2T L YUAN PhD Asst Chem
1L W ZIEGLER PhD Prof Hort (Citrus Mgt Prod and Brdg)	21 L YOAN PRO Asst Chem
Library 2150	Statistics 2210
Library 2150 2S L WEST LLB BS Libr and Head	2WILLIAM MENDENHALL PhD Statis and Head
1Mrs A M MUTHER BLSc Asst in Libr	1W O ASH PhD Prof of Statis
	12R A BRADLEY BS Res Assoc
2A C STRICKLAND MS Asst Libr	12R A BRADLE I Bo Res Assoc
2JANIE L TYSON Asst in Libr	Vegetable Crops 2220
Ornamental Harticulture 2160	regerable elept
- The state of the	123F S JAMISON PhD Prof Veg Crops and Head of Dept
123E W McELWEE PhD Prof Ornam Hort and Head of	2D D GULL PhD Asst Hort
Dept	2L H HALSEY MSA Asst Hort
3J F CABLER BSA Asst in Ornorm Hort (Turf)	12S J LOCASCIO PhD Asst Prof and Asst Hort
3C A CONOVER MS Asst Ornorn Hort (Flor)	12A P LORZ PhD Prof and Hort
2R D DICKEY MSA Hort (Omom)	3M E MARVEL MS Assoc Veg Crops Spec
12G C HORN PhD Assoc Prof and Assoc Turf Tech	3JAMES MONTDARO PhD Assoc Veg Crops Spec
1W E FLETCHER PhD Asst Prof (Ornam)	12V F NETTLES PhD Prof and Hort
12J N JOINER PhD Assoc Prof and Assoc Ornam Hort	3J N STEPHENS MSA Asst Veg Crops Spec
(Flor)	12B D THOMPSON PhD Assoc Prof and Assoc Hort
2S E McFADDEN Jr PhD Asst Hort (Brdg Ornam)	
R T POOLE MSA Res Assoc (Omom)	Veterinary Science 2230
124T J SHEEHAN PhD Assoc Prof and Assoc Hort	12G T EDDS DVM PhD Prof of Vet Sci and Head of Dept
(Ornam Flor)	12YUJI INABA DVM PhD Int Asst Virol
	2W W KIRKHAM DVM PhD Assoc Virol
Plant Pathology 2170	2J M KLING DVM MS Res Assoc
12PHARES DECKER PhD Prof Plant Path and Head of	2S E LELAND Jr PhD Assoc Parasitol
Dept	12F C NEAL DVM Asst Prof and Asst Vet
24A A COOK PhD Assoc Plant Path	3C B PLUMMER DVM Assoc Vet
2M K CORBETT PhD Assoc Virol	2D A SANDERS DVM Vet
at F FREMAN PhD Assoc Plant Path	12C F SIMPSON DVM Prof and Path

12L E SWANSON DVM Prof and Parasitol 2L J WALLACE DVM MS Asst Path 2F H WHITE PhD Assoc Bact

Branch Stations Central Fla Exp Sta PO Sanford 2J W WILSON SCD Ent in Chg (Insects Attacking Veg)
2J F DARBY PhD Assoc Plant Path (Dis of Veg)
2R B FORBES PhD Asst Soils Chem (Veg Crops)
2H L RHOADES PhD Asst Nematol (Veg Crops)

2ERDMAN WEST MS Mycol

25H H LUKE PhD Plant Path

Latin Amer Agr Stud

3R S MULLIN PhD Plant Path

2W C PRICE PhD Virol

2H N MILLER PhD Plant Path
14A S MULLER BS Prof Plant Path and Counselor to

12D A ROBERTS PhD Assoc Prof and Assoc Plant Path 2R F STOUFFER PhD Asst Virol 1G F WEBER PhD Prof Plant Path

Branch Stations-Continued

2W T SCUDDER PhD Assoc Hort (Herbicides)

2P J WESTGATE PhD Hort (Veg Crops)

2B F WHITNER Jr BSA Asst Hort (Veg Brdg)

Citrus Exp Sta PO Lake Alfred

2H J REITZ PhD Hort in Chg

2G E ALBERDING BS Asst in Chem 2C A ANDERSON PhD Asst Soils Chem

2L B ANDERSON Jr BSA Asst in Ent-Path

2C D ATKINS BS Chem

2J A ATTAWAY PhD Asst Chem

2R W BARRON BA Asst in Chem
2J G BLAIR BSME Assoc Mech Eng
2R F BROOKS PhD Asst Ent
2R C BULLOCK PhD Assoc Ent (PO Ft Pierce)
2D V CALVERT PhD Asst Soils Chem (PO Ft Pierce) 2MORTIMER COHEN PhD Assoc Plant Path (PO Ft

Pierce)

2R J COLLINS MS Int Asst Hort 2G E COPPOCK MS Assoc Ag Engin

2J W DAVIS BSA Asst in Ent-Path 2M H DOUGHERTY BS Asst Chem Engin

2E P DUCHARME PhD Plant Path

2G J EDWARDS BA Asst in Chem 2A W FELDMAN PhD Plant Path

2FRANCINE E FISHER MS Asst Plant Path

2H W FORD PhD Hort

2H B GRAVES Jr PhD Int Asst Chem

2T B HALLAM BS Asst in Ent-Path 2R W HANKS PhD Asst Plant Physiol 2C I HANNON PhD Asst Nematol

2F W HAYWARD PhD Assoc Plant Physiol

25S L HEDDEN MS Asst Agr Engin

2C H HENDERSHOTT PhD Assoc Plant Physiol

2RUDOLPH HENDRICKSON BS Assoc Chem

2E C HILL BSA Assoc Bact

2H I HOLTSBERG BSA Asst in Ent-Path

2R L HUGGART BS Assoc Chem 2R B JOHNSON PhD Assoc Ent

2P J JUTRAS MS Asst Agr Engin

2J W KESTERSON MS Chem

2L C KNORR PhD Plant Path 2R C J KOO PhD Asst Hort 2D H LENKER MS Asst Agr Engin

2C D LEONARD PhD Assoc Hort

2S K LONG PhD Asst Indus Bact 2W G LONG PhD Assoc Chem 2A A McCORNACK MS Asst Hort

2M D MARAULJA BS Asst in Chem 2W R MEAGHER PhD Assoc Chem

2E L MOORE PhD Chem

2M H MUMA PhD Ent 2W F NEWHALL PhD Assoc Biochem

2M F OBERBACHER PhD Asst Plant Physiol

2R W OLSEN BS Biochem

2ROGER PATRICK PhD Bact 2A P PIERINGER PhD Asst Hort

2R L REESE MSA Res Assoc

2A H ROUSE MS Pectin Chem 2A H ROUSE MS Pectin Chem 2G F RYAN PhD Asst Hort 2L L SEBRING MS Asst in Libr 25A G SELHIME BS Asst Ent

2W A SIMANTON PhD Ent

2IVAN STEWART PhD Biochem

2R F SUIT PhD Plant Path 2A C TARJAN PhD Nematol

2S V TING PhD Assoc Biochem

2K G TOWNSEND BSA Asst in Ent-Path

2KENNETH TRAMMEL BSA Int Asst in Ent

2H M VINES PhD Assoc Biochem 2F W WENZEL Jr PhD Chem

T A WHEATON PhD Asst Hort 2R W WOLFORD MSA Assoc Chem

Everglades Exp Sta PO Belle Glade

2W T FORSEE Jr PhD Chem in Chg (Soil Fert)
2R J ALLEN Jr PhD Asst Agron (Pasture Grasses)

Branch Stations-Continued

2R V ALLISON PhD Fiber Tech (Bast Fibers)

2R D BLACKBURN MS Asst Agron (PO Ft Lauderdale)
(Submersed Weed Control)

2H I BORDERS PhD Assoc Plant Path (PO Ft Lauderdale) (Veg Dis)

2F T BOYD PhD Agron (PO Ft Lauderdale) (Grain Crops)

2H W BURDINE PhD Assoc Soils Chem (Veg Crops

20 E BURT PhD Asst Turf Tech (PO Ft Lauderdale) 25M H BYROM MS Agr Engin (Long Veg Fibers)

2T W CASSELMAN MS Asst Agr Engin (Feed Harvesting and Proc)

2H L CHAPMAN Jr PhD Anim Nutr (Beef Cattle)

25D W FISHLER MS Assoc Agron (Long Veg Fibers)

2W G GENUNG MS Assoc Ent (Veg Crops)

2V E GREEN Jr PhD Assoc Agron (Corn and Sorghum) 2V L GUZMAN PhD Assoc Hort (Veg Crops)

2C E HAINES PhD Asst Anim Husb (Beef Cattle)

2E D HARRIS Jr PhD Assoc Ent (Veg Crops)
2N C HAYSLIP BSA Ent (PO Ft Pierce) (Veg Crops)

2J RILEY PhD Asst Soils Chem (Sugarcane)
25J F JOYNER Asst Agron (Long Veg Fibers)
2W H KAHL MS Asst Agr Engin (Sugarcane)

2R W KIDDER MS Anim Husb (Beef Cattle)

2A E KRETSCHMER Jr PhD Assoc Agron (PO Ft Pierce) (Pastures)
2W C LeCROY PhD Asst Agron (Sugarcane)

2F leGRAND MS Asst Agron (Sugarcane) W C MILLS MS Agr Drain Engin (Sandy Soils)

2J R ORSENIGO PhD Assoc Hort (Weed Control)

2H Y OZAKI PhD Asst Hort (PO Ft Lauderdale) (Veg Crops)

25W H SPEIR Asst Hyd Engin (Water Sheds)

2R E STALL PhD Assoc Plant Path (PO Ft Pierce) (Veg Crops)

25T E SUMMERS PhD Assoc Plant Path (Long Veg Fibers)

2P L THAYER PhD Asst Plant Path (Veg Crops)
2F H THOMAS PhD Asst Chem (Agr Crops)
2C WEHLBURG PhD Assoc Plant Path (Veg Crops)
25L W WELDON PhD Asst Agron (PO Ft Lauderdale) (Submersed Weed Control)

25H D WHITTEMORE BSAE Assoc Agr Eng (Long Veg Fibers)

25F D WILSON PhD Asst Plant Genet (Long Veg Fibers) 2J A WINCHESTER PhD Asst Nematol (Veg Crops and

Sugarcane) 2E A WOLF MS Assoc Hort (Veg Brdg)

Gulf Coast Exp Sta PO Bradenton

2E L SPENCER PhD Soils Chem in Chg (Veg Ornam) 2A N BROOKS PhD Plant Path (PO Plant City)

(Strawberry)

2D S BURGIS MSA Asst Hort (Veg Weed Control)

2P H EVERETT PhD Asst Soil Chem (PO Immokalee) (Veg Nutr)

2G M GERALDSON PhD Assoc Soils Chem (Veg Nutr) 2J P JONES PhD Asst Plant Path (Veg) 2D G A KELBERT Assoc Hort (Veg Varieties)

2E G KELSHEIMER PhD Ent (Veg Insects)

2R H LITTRELL. MS Asst Plant Path (Cut Flowers)

2R O MAGIE PhD Plant Path (Cut Flowers) 2AMEGDA J OVERMAN MS Asst Soil Microbiol

(Nematode Control)

PAUL SUTTON PhD Asst Hort (PO Plant City) (Veg Nutr)

2J M WALTER PhD Plant Path (Veg Brdg) 2W E WATERS PhD Asst Hart (Cut Flower Nutr)

2S S WOLTZ PhD Assoc Plant Physiol (Cut Flower Physiol)

North Florida Exp Sta PO Quincy

2W H CHAPMAN MS Agron in Chg 2F S BAKER Jr MSA Anim Husb

2T J DAVIDSON Jr PhD Asst Soils Chem (Shade Tobacco)

Branch Stations-Continued

ranch Stations-Continued	School of Agriculture and Home Economics of the
25D R DAVIS BS Asst Met	Florida Agricultural and Mechanical University, Tallabassee
2C E DEAN PhD Asst Agron (Shade Tobacco)	1 lotter 11 girestonia and incomment of the control
2R R KINCAID PhD Plant Path (Shade Tobacco)	1College Staff 3Extension Staff 4Leave of Absence
2R W LIPSCOMB MS Assoc Agron (PO Marianna) (Pea-	10011030 protty Sprittering American
nuts)	2260
2W C RHOADES MS Ent	16 W CORE Jr PhD Pres
2D T SECHLER PhD Asst Agron (Small Grains)	IJRELEE Jr BA Vice Pres
2W B TAPPAN MSA Asst Ent (Shade Tobacco)	1H M EFFERSON LLD Deam of Univ
2R W WALLACE BS Assoc Agron (Pasture and Forge	1H R PARTRIDGE MS Bus Mgr
Crops)	1C E WALKER PhD Deam of Sch of Agr and Home Econ
lange Cattle Exp Sta PO Ona	(Tel 222-8030 Ext 425)
2W G KIRK PhD Vice Dir in Chg (Beef Cattle)	(161 222-0000 Ext 420)
2C L DANTZMAN PhD Asst Soils Chem (Soil Fert)	Agricultural Education 2270
2E M HODGES PhD Agron (Pasture and Forage Crops)	1G W CONOLY MS Assoc Prof Agr Educ
2J E McCALEB PhD Assoc Agron (Forage Crops)	IG # CONOLI WID ASSOCITOTAGI Educ
2F M PEACOCK MS Assoc Anim Husb (Beef Cattle)	Agronomy 2280
ub-Tropical Exp Sta PO Homestead	1W L JOHNSON PhD Head of Dept
2R A CONOVER PhD Plant Path in Chg (Veg)	14B B ARCHER MS Instr Form Mech
2C W AVERRE III PhD Asst Plant Path (Veg and Sub-	1W O MACK MS Asst Prof Form Mech
Tropical Fruits)	1C B OWENS PhD Prof Agron
	IC B OWENS PRO PROLAGION
2R M BARANOWSKI PhD Assoc Ent (Systemic Insecti-	Animal Husbandry 2290
cides Parasites)	Annual Household
2C W CAMPBELL PhD Asst Hort (Sub-Tropical Fruits)	1L E EVANS PhD Head of Dept
2R W HARKNESS PhD Assoc Chem (Irrigation Sub-	10 M BOWMAN PhD Prof Anim Husb
Tropical Fruits Nutr)	- 10 1
2P G ORTH PhD Asst Soils Chem (Veg Sub-Tropical	Dairy and Poultry 2300
Fruits)	INATHANIEL SAYLOR MS Assoc Prof Dairy Indus
2J E REYNOLDS PhD Asst Plant Path (Ornam)	IW L BATE MS Asst Prof Poultry Indus
2J W STROBEL PhD Asst Plant Path (Tomato and	
Strawberry Brdg)	Extension Service 2310
2M O THOMAS PhD Assoc Hort (Veg)	3FLOY L BRITT MS Dist Home Demon Agt (Tel 222-
2D O WOLFENBARGER PhD Ent (Veg Sub-Tropical	1223)
Fruits)	3V L ELKINS MEd Dist Agr Agt (Tel 222-1223)
2T W YOUNG PhD Hort (Sub-Tropical Fruits)	
Suwannee Valley Exp Sta PO Live Oak	Home Economics 2320
2H W LUNDY BSA Assoc Agron in Chg	1Mrs CLINITA A FORD PhD Head of Dept
West Central Fla Exp Sta PO Brooksville	IMODESTE B DUNCAN MS Res Teacher Trainer
25W C BURNS MS Asst Anim Husb in Chg	1Mrs FRANKIE M KING MA Asst Prof Clothing and
Vest Fla Exp Sta PO Rt 3 Jay	Textiles
2C E HUTTON PhD Vice Dir in Chg (Fert Mgt)	1Mrs EMMA H KITTLES PhD Assoc Prof Clothing and
2L S DUNAVIN Jr PhD Asst Agron (Pasture and Forage	Textiles
Crops)	1Mrs CARRIEMAE G MARQUESS PhD Prof Foods and
2M C LUTRICK PhD Asst Agron (Fert Mgt)	Nutr
2R L SMITH MS Assoc Agron (Field Crops)	1Mrs GENEVIEVE W THOMAS MA Assoc Prof Home
	Econ Educ
_aboratories 2250	
Big Bend Hort Lab Box 539 Monticello	Horticulture 2330
2H W YOUNG PhD Assoc Hort in Chg	IT T LEWIS MS Assoc Prof
2J R LARGE MS Assoc Plant Path	
2A M PHILLIPS BS Assoc Ent	GEORGIA
Potato Invest Lab P O Hastings	
2D R HENSEL PhD Asst Soils Chem (Veg)	College of Agriculture, Schools of Forestry, Home
2E N McCUBBIN PhD Hort (Veg Varieties)	Economics, and Veterinary Medicine University of Georgia,
2R B WORKMAN PhD Asst Ent (Veg)	Athens
Watermelon and Grape Invest Lab PO Leesburg	
2J M CRALL PhD Plant Path in Chg	1College Staff 2Station Staff 3Extension Staff
2W C ADLERZ PhD Asst Ent	4Leave of Absence 5Coop USDA
2C H CURRAN DSC Ent (Diptera)	6 Division indicates comparable units at all locations in
2J A MORTENSEN PhD Asst Genet (Grape Brdg and	system
Genet)	
2N C SCHENCK PhD Assoc Plant Path	234
2L H STOVER Asst in Hort (Grape Brdg)	1230 C ADERHOLD PhD Pres of Univ
Weather Forecasting Serv Lakeland	123 C C MURRAY PhD Dean and Coordinator of Col of Ag
5W O JOHNSON BS Met in Chg	(Tel LI 3-2511 Ext 330)
SL L BENSON BS Asst Met	3L W EBERHARDT BSF Dir of Agr Ext (Tel LI 3-2511
5G R DAVIS BS Asst Met	Ext 327)
5R H DEAN Asst Met	1R S WHEELER PhD Dir of Resident Instr (Tel LI.3-
5J G GEORG BS Asst Met	2511 Ext 447)
5G W LEBER Asst Met	2G H KING MS Dir of Expt Stas (Tel LI 3-2511 Ext 360
5W F MINCEY Asst Met	126T J JONES DV M PhD Dean of Sch of Vet Med
5B H MOORE BA Asst Met	126A M HERRICK PhD Decm of Sch of For
50 N NORMAN BS Asst Met	126MARY SPEIRS PhD Dean of Sch of Home Econ
5R T SHEROUSE Asst Met	3EDDYE B ROSS MSHE 'State Home Demon Leader
5W R WALLIS BS Asst Met	2E B BROWNE PhD Dir of Col Expt Sta (Tel LI 3-2511
5H E YATES Asst Met	Ext 352)
JILE INTED ASSEMBLE	Direction of the second
	3

2KENNETH TREANOR BS Dir of Br Expt Stas (Tel LI 3-2511 Ext 401)

2350 12T H ROGERS PhD Prof and Head of Dept Forage Corps 5W E ADAMS MS Res Assoc Soil Conserv 12E R BEATY PhD Assoc Prof Forage Corps 3P J BERGEAUX MS Assoc Prof Soils and Fert 5A R BERTRAND PhD Res Assoc and Dir Southern Field Sta Soil and Water Conserv Res Div ARS Soil 3D L BRANYON MSA Assoc Prof 12A R BROWN PhD Assoc Prof Small Grain 5M C CARTER MS Res Assoc Soil Sci 12A G DOUGI AS PhD Asst Prof Cotton Brdg 3L R DUNSON BS Assoc Prof Conserv 5C B ELKINS BS Res Assoc Soil Sci 12J E GIDDENS PhD Prof Soil Microbiol 3W H GURLEY MS Instr 5D G HARRIS MS Res Assoc Soil Sci 5G A HILLSMAN BS Res Asst Soil Sci 5G A HILLISMAN BS Res Asst Soil Sci 3H A INGLIS MSA Assoc Prof Seed Certif 3J E JACKSON MS Instr Cotton 3J R JOHNSON BS Prof and Head of Agron Ext 3H C LOWERY MS Asst Prof Seed Impr 12R A McCREERY PhD Asst Prof Soil Sci 3J F McGILL MS Assoc Prof Peanuts (P O Tifton)
3J F MILLER MS Instr Weed Control 12H D MORRIS PhD Prof Soil Sci 5J E PALLAS Jr PhD Res Assoc Physiol 5C L PARKS MS Res Assoc Soil Sci 12H F PERKINS PhD Assoc Prof and Dir of Soil Testing Lab Soil Sci 2H H POWELL Farm Foreman 3J B PRESTON MSA Assoc Prof Tobacco (P O Tifton) 5F T RITCHIE BS State Soil Sci 3W H SELL MS Asst Prof TV A Prog Supvr 5L F WELCH PhD Res Assoc Soil Sci 5WILSON WHITE BS Res Assoc Soil Chem 5RUSSELL WOODBURN BS Res Assoc and Chief Southern Br Soil Water Conserv Res Div ARS Civil Engin **Animal Industry**

1236R A LONG PhD Prof and Head of Dept of Anim Husb and Chmn of Div Mgt

12H B HENDERSON MS Prof and Head of Dairy Dept Mfg 12F W BENNETT PhD Assoc Prof Bact

2S L CARTER Form Foreman Anim Husb 2C B CLARKE Herdsman Dairy

12C M CLIFTON PhD Asst Prof Dairy Mgt

3M K COOK MS Instr

12A E CULLISON PhD Prof Beef Cattle Nutr

2JAMES DAILEY Farm Foreman Dairy 30 G DANIEL PhD Prof and Head Anim Husb Ext

2J K DAVIS MS Instr Large Anim 12O T FOSGATE PhD Assoc Prof Dairy

12R D GROOMS MS Instr Large Anim
3C J JARRETT MS Instr Dairyman
12J W LASSITER PhD Assoc Prof Large Anim Nutr

2A M LYNN BS Tech Asst Swine Nutr 3W H McKINNEY MS Asst Prof Dairyman

3J N MADDUX MS Asst Prof Dairyman 2W J MILLER PhD Assoc Prof Dairy Nutr

2DALE REDEKER BS Tech Asst Anim Husb Mot

2R E ROBERTS BS Asst Prof and Supt of Creamery Mfg
12R F SEWELL PhD Prof Swine Nutr
12J J SHEURING PhD Prof Dairy Mfg

2C S WARD MS Tech Asst Anim Husb Mgt

12E P WARREN PhD Assoc Prof Sheep Brdg
3H K WELCH Jr MSA Assoc Prof and Head Dairy Ext
2W R WHITEHEAD Creamery Foreman

2370

1D S Van FLEET PhD Prof and Head Bot Dept Enzymol

Botany-Continued

1E G BECK PhD Assoc Prof Physiol IW M CARLTON PhD Assoc Prof Anat 1W H DUNCAN PhD Prof Taxon IJOE EDMISTER PhD Asst Prof Ecol 1C W JAMES PhD Assoc Prof Toxon
1B E MICHEL PhD Assoc Prof Physiol
1DAVID MULCAHY PhD Asst Prof Genet

1G L PLUMMER PhD Assoc Prof Ecol 1J J WESTFALL PhD Prof Cytogenet

Chemistry 238(
1S W PELLETIER PhD Prof and Head of Dept Organic 2380

1H T COGGIN PhD Assoc Prof Organic 1M J CORMIER PhD Assoc Prof Biochem

1L S DURE PhD Asst Prof Biochem

1R A McRORIE PhD Assoc Prof Biochem and Dir of Gen Res

1W L WILLIAMS PhD Res Assoc Prof Biochem

Economics (Agr)

1236S J BRANNEN MSA Assoc Prof and Actg Head of Dept of Agr Econ and Actg Chmn of Div Mgt

2E E BROWN PhD Assoc Prof Mktg Devlpmt

3R E BROWN MS Instr 3P C BUNCE MS Instr Mktg Inform and Outlook Spec 3W C CARTER MS Assoc Prof and Head Mktg Ext

3J A CHRISTIAN MS Instr Meat Util Spec

3J S CONNER MS Asst Prof Dairy Mktg Spec 2D W CULVER PhD Asst Prof Mktg 12W D EICKHOFF PhD Asst Prof Mktg

12T L FRAZIER MS Asst Prof Mktg
3R A GAYVERT MS Asst Prof Poultry Mktg Spec

3W I GOLDEN MS Instr

3W D'HARRELL BSA Asst Prof Rural Areas Devlpmt Ågt

5H B JONES MS Prof Mkta

5ARCHIE LANGLEY BS Agr Statis 5W C McARTHUR PhD Prof Mgt

12R M PADGETT PhD Asst Prof Mktg
12R E PROCTOR PhD Prof Mktg Devlpmt

2B B ROSE MS Asst Prof Mktg

12F B SAUNDERS PhD Assoc Prof Mgt

30 C SMITH MS Asst Prof 3R E SMITH MSA Assoc Prof Community Dylpmt Spec

12J C THOMPSON PhD Assoc Prof Mktg

2J O WISE PhD Asst Prof Mgt

3D H WILLIAMS MS Asst Prof

Editorial and Publications

3J P CARMICHAEL MSA Ed and Chmn of Div 3V E ADAMS MA Asst Ed-News

3R D BROOKS Jr ABJ Asst Ed Radio-TV

2S L BURGESS BAJ Res Ed

3R J COFER ABJ Asst Ed-Pub

3JEAN N FLANIGEN Asst Illus 3J A SMITH Asst Ed Vis Educ

3R D STEPHENS BSA Assoc Ed Radio-TV

3R F TANNER MA Asst Ed Radio-TV

Education 1R H TOLBERT PhD Prof and Head Agric Educ Dept

1A O DUNCAN MSEd Assoc Prof 1H T LESTER Jr EdD Asst Prof

1G L O'KELLEY Jr PhD Prof

Engineering (Agr)

1236R H DRIFTMIER MS Prof and Head of Dept and Chmn of Div Structures

5A P BARNETT MS Res Assoc Soil Conserv 5A H BENNETT MS Res Assoc Prod Handling

5JACKSON BENNETT BS SCS Training Center Supvr

12R H BROWN PhD Prof Electronic

12CARLISLE CORB Jr MS Assoc Prof Soil Conserv

5H S CARTER MA Climatol

Extension Administration-Continued

Engineering (Agr)-Continued

4-H Club Ldr

3Mrs HAZEL B MALONE BSHE Asst Prof and Dist 5R E CHILDS BSIE Res Assoc Indus 3P A CRAWFORD Jr MSAE Assoc Prof and Head Agr Home Demon Agt 3LOUISE MEEKS BSHE Asst Prof and Dist Home Engin Ext 5L N DRURY BSAE Res Assoc Electronic 3H B GOOLSBY MS Asst Prof Demon Agt 3Mrs ADDIE R POWERS BSHE Asst Prof and Dist Home Demon Agt 1M F GUILL MS Instr 1R R HARRIS PhD Assoc Prof 5B C HAYNES Jr MS Assoc Mech 1G E HENDERSON BS Prof 3J R RICHARDSON BSA Asst Prof and Dist Agt Chmn
3J W ROBERTSON BSA Instrand Distr Agt 4-H Prog 3H F SHURLING BSA Asst Prof Dist Agt Chmn 3SUE STANFORD MS Asst Prof Dist Home Demon Agt 5A T HENDRIX MS Res Assoc Mech 5W C HULBURT MS Res Assoc 3Mrs ETTA THOMPSON BSHE Asst Prof Asst State 4-H 3W E HUSTON MS Asst Prof Club Ldr 5M J LEWALLEN BSAE Res Assoc 3L T TORRANCE MS Asst Prof and Dist Agt Chmn 3M L Van WINKLE MS Assoc Prof Recreation 5CAMPBELL LITTLE MS Res Assoc 12J S PERRY PhD Assoc Prof Food Engin 1W B RATTERREE PhD Prof Engin Mech (Gen) Food Technology
12J J POWERS PhD Prof and Head of Dept 2460 2M J REED BSAE Res Asst Prod Handling 12C E RICE PhD Assoc Prof Power and Mach 12T R DORNSEIFER PhD Asst Prof Food Chem Bact 12W P FLANAGAN Tech Asst and Plant Mgr 12M K HAMDY PhD Assoc Prof Biochem 12R L SAFFLE PhD Assoc Prof Meat Technol 12P D RODGERS MS Assoc Prof 5J S ROGERS BSAE Res Assoc Soil Conserv 5J W SIMONS MS Res Assoc Structures 12R E SMITH MS Asst Prof Electronic 5W B TURKETT SCS Training Center Asst Supvr 2470 Forestry (Col of Agr) 1J H TURNER MS Asst Prof Illus 3C D DYER MF Prof and Head Ext For Dept 2H D WHITE MS Prof Prod Handling 3I L WINSETT MS Asst Prof 3H O BAXTER MF Instr Mktg Spec 3C N BRIGHTWELL MF Asst Prof 5P M YATES MS Assoc Soil Conserv 3B R MURRAY MF Instr 3G D WALKER MF Entomology 2430 12H O LUND PhD Prof Ent and Head of Dept 2480 Forestry, School of 3V R COLEMAN BSA Instr 3J C FRENCH MS Asst Prof 12P E HUNTER PhD Asst Prof Acarol 3C R JORDAN Jr PhD Prof and Head of Ent Ext 126A M HERRICK PhD Prof and Dean of Sch Mgt IT E AVERY PhD Assoc Prof Mensuration
12J H BAMPING MF Instr Mgt 12G N BISHOP MSF Prof Dendrol
12C L BROWN PhD Assoc Prof Genet 12J J PAUL PhD Asst Prof Toxicol 12C H TSAO PhD Asst Prof Physiol 5W A CAMPBELL PhD Res Assoc Path 2A B WEATHERSBY PhD Res Assoc Med 12J L CLUTTER DF Assoc Prof Mgt
5J C DIXON PhD Res Assoc Ent 2440 **Experimental Statistics** 5F B DUMBROFF MF Res Assoc Mat 12J L CARMON PhD Assoc Prof and Head of Dept 2J C FORTSON MS Asst Prof 5B H EBEL MS Res Assoc Ent 5L I GABY BSF Res Assoc Util 12P V RAO PhD Asst Prof 2HERBERT THOMAS BFA Instr 1B F GRANT MSF Prof Util
2J T GREENE MF Asst Prof Genet 2J D WILLIAMS PhD Assoc Prof 12J R HAMILTON PhD Assoc Prof Util 12L A HARGREAVES Jr PhD Prof Mgt 2450 Extension Administration 2M T HUISH MS Asst Prof Fish Biol 3C C MURRAY PhD Dean and Coordinator 12L W R JACKSON PhD Prof Silvic 3L W EBERHARDT Jr BSF Dir and Prof 12J H JENKINS PhD Assoc Prof Wildlife 5P P KORMANIK MS Res Assoc Mgt 5R G McALPINE MF Res Assoc Mgt 3G Y DUKE MS Asst Dir and Assoc Prof 3C R O'KELLEY MSA Prof and State Agr Ldr 3EDDYE B ROSS MSHE Prof and State Home Demon Ldr 12J T MAY PhD Prof Silvic 3T L WALTON EdD Prof and State 4-H Club Ldr 12W T MOSS MS Instr Recreation 3J R CARR BSA Instr and Dist Agt 4-H Prog 1J R PARKER MSF Asst Prof Econ 3S G CHANDLER BSA Assoc Prof and Chmn Ext 1A E PATTERSON MSF Prof Mgt Training 5J H PATILLO BS Admin Asst 3H E CHASTAIN BSA Assoc Prof and Dist Agt Chmn 5R K PETER MF Res Assoc Util 3BARBARA J COGBURN BSHE Instr and Asst 4-H Ldr 12E E PROVOST PhD Asst Prof Wildlife 3HAROLD DARDEN MEd Assoc Prof and Assoc State 12MERVIN REINES PhD Assoc Prof Genet 4-H Club Ldr 5S ! ROWAN MS Res Assoc Path 3T J DAVIS Jr MSA Instr Dist Agt 4-H Prog 3BYRON DYER MSA Assoc Prof and Dist Agt Chmn 5J R SAUCIER BSF Res Assoc Util 12J A SHEAR PhD Prof Climatol 3MARIAN FISHER BSHE Asst Prof Dist Agt 4-H Prog 12H A STOEHR PhD Assoc Prof Mensuration 3F W FITCH Jr MS Asst Prof and 4-H Club Latr Biol 3O E GRIMES BSA Instr and Dist Agt 4-H Prog 5M A TARAS MF Res Assoc Util 5C B VICK MF Res Assoc Util 3Mrs JESSIE H HARDY BSHE Asst Prof and Dist Home 5H O YATES MF Res Assoc Ent Demon Agt 3CECIL JOHNSON BSA Asst Prof and 4-H Club Ldr Home Economics (Rock Eagle) 3F LEONORA ANDERSON MEd Asst Prof Head Ext 3Mrs MARTHA H JONES MS Asst Prof and Dist Home Clothing Dept Demon Agt 3NELLIE C BOYD MS Assoc Prof Head Ext Nutr Dept 3W A KING BSA Asst Prof and Dist Agt Chmn 3J C KNOX BSA Asst Prof and Dist Agt Chmn 3LUCILE A HIGGINBOTHAM MS Asst Prof Head Ext Health Educ Dept 3J J LANCASTER EdD Assoc Prof and Head Ext Educ 3RHONWYN LOWRY MEd Assoc Prof and Assoc State 3LORA M LAINE MSHE Asst Prof Head Ext Home Mgt

and Family Econ Dept

Home Economics - Continued

3AUDREY MORGAN MS Asst Prof Head Ext Fam Life Dept

3DORIS M OGLESBY MSHE Assoc Prof Head Ext Home Impr Dept

3PEGGY S OTT MS Asst Prof Clothing

34AVA D RODGERS MSHE Instr Home Furnishing and Art

3NELLE THRASH BSHE Asst Prof Head Ext Food Preserv Dept

3RITA H WATERS MSHE Instr Nutr

Home Economics, School of

2500 126MARY SPEIRS PhD Prof and Dean of Sch Nutr ROSALIE N ALLISON MS Instr Fam Devlpmt IELIZABETH ARMSTRONG MS Assoc Prof and Head of Clothing and Textiles

2BETTY W BAILEY PhD Assoc Prof Housing and Home Mat

IFANNY L BROOKE MS Instr Form Devipmt

IW O CASTER PhD Assoc Prof Nutr

IMARY BRUCE CLENDENING MS Asst Prof Housing and Home Mat

IDOROTHEA EDWARDS MSHE Asst Prof Housing and Home Mgt

1MAUDE PYE HOOD PhD Prof Foods

ISARAH B JENKINS MS Asst Prof Housing and Home

IWYNELLE JOHNSON MS Asst Prof Clothing and Textiles

1K B KING PhD Asst Prof Fam Devlomt

1MARTHA LaBOON MS Asst Prof Fam Devlpmt TWINNIE F LUFFMAN MSHE Asst Prof Clothing and

Textiles IMARGARET E McPHAUL MS Assoc Prof Child Devlpmt

12JESSIE J MIZE PhD Prof and Head of Housing and Home Mgt

IRUTH MOORE MS Asst Prof Foods ICATHERINE L NEWTON MA Prof Nutr IDONALD RAPP PhD Asst Prof Form Devlomt

IELIZABETH T SHEERER PhD Prof and Head of Fam Devlpmt

12FERN TUTEN MS Asst Prof Housing and Home Mgt 1ELIZABETH L WHITEHEAD MHE Asst Prof Foods 1Mrs ANN WILLETT MHE Instr Clothing and Textiles

Horticulture 2510

1236F E JOHNSTONE Jr PhD Prof and Head of Dept and Chmn of Div Veg Prod

3J M BARBER Instr (P O Tifton)

3FRANCIS B CATES Instr

IG A COUVILLON MS Instr Small Fruit Prod

4L C CURTIS PhD Prof Hort Veg Prod

3R L LIVINGSTON MS Asst Prof and Head Hort Ext

12F A POKORNY PhD Asst Prof Flor 12R B RUTLAND PhD Asst Prof Flor 3GERALD SMITH MS Instr Flor

3C D SPIVEY MS Instr

Landscape Architecture

136H B OWENS MA Prof and Head of Dept and Chmn of

2520

IW E BERRY MLA Asst Prof

1W J CAIRNS MLA Asst Prof Landsc Arch

IN J HILL BLA Asst Prof Community Area Devlpmt
1J W LINLEY MFA Asst Prof
1D B PLEDGER BS Instr
1W L RAMSEY MLA Asst Prof
3T G WILLIAMS Jr MLA Asst Prof and Head Ext Landsc Arch

Plant Pathology and Plant Breeding 2530

1236J HOWEN PhD Prof and Head of Dept and Chmn of Div Field Crop Dis

12J S BOYCE Jr PhD Prof For Dis

Plant Pathology and Plant Breeding-Continued 5 C W BRYAN MS Res Assoc For Dis

12A A FLEMING PhD Prof Plant Brdg Corn Brdg 3W N GARRETT PhD Asst Prof and Head Ext Plant Path

12G M KOZELNICKY MS Asst Prof Field Crop Dis

5F R MATTHEWS MS Res Assoc For Dis 12W M POWELL PhD Asst Prof Nematol 5J L RUEHLE PhD Res Assoc For Nematol

3S S THOMPSON MS Asst Prof (P O Tifton)

Poultry Disease Research

2540

2S C SCHMITTLE DVM PhD Prof and Head of Dept Path

2F M BOYD PhD Asst Poultry Microbiol

2J B COX BS Resident Supt

5S R HOPKINS BS Res Assoc Bact

5W C PATTERSON VMD Res Assoc and Dir Southeastern Poultry Res Lab ADPRD ARS Path

2W M REID PhD Poultry Parasitol

2D J RICHEY PhD Assoc Poultry Microbiol 5T H VARDAMAN DVM MS Res Assoc Bact

5J E WILLIAMS PhD Res Assoc Path

Poultry Husbandry

2560

1236J C DRIGGERS PhD Prof and Head of Dept and Chmn of Div Nutr

5R E COOK PhD Coordinator of Southern Regional Poultry Brdg Proj

2E F DEMBNICKI BSA Plant Supt of Southern Regional

Poultry Genet Lab 3M Y DENDY MS Asst Prof

2H M EDWARDS PhD Assoc Prof Nutr

12H L FULLER PhD Prof Nutr

5C D GORDON PhD Res Assoc Genet 12T M HUSTON PhD Prof Physiol

2G E JONES BSA Plant Mgr Col Poultry Farm 3J H MASSEY MS Assoc Prof

125K N MAY PhD Assoc Prof Prod Technol 2R K NOLES PhD Asst Prof Mgt

12L D TINDELL PhD Asst Prof Brdg

Veterinary Medicine, School of 126T J JONES DVM PhD Dean of Sch Nutr

12A L KLECKNER DVM PhD Prof and Head of Vet Microbiol and Prev Med and Dir of Vet Res Bact

1M E ADIST DVM Asst Prof Vet Med and Surg and Dir Large Anim Di v

1R B BARRETT DVM Asst Prof Radiol
1T J BELL Jr DVM PhD Prof and Head of Vet Anat and Histol

ID M BLACKMON DVM Asst Prof Clin

1H G BLALOCK DVM Instr Microbiol

II J M BOWEN DVM Assoc Prof Pharmacol
IE W CAUSEY DVM Assoc Prof Vet Med and Surg
IW L CHAPMAN Jr DVM MS Asst Prof Radiol and Dir Small Anim Div

1J E CHRISTY DVM Instr Vet Med and Surg Clin

3CHARLES N DOBBIN Jr DVM Asst Prof

1J D EDENS DVM Asst Prof Vet Med and Surg Clin
12J W FOSTER PhD Assoc Prof Vet Microbiol

and Prev Med (Bact)

12F A HAYES DVM MS Asst Prof Vet Path and Parasitol (Parasitol)

1P E HOFFMAN DVM Asst Prof Vet Med and Surg Clin

1H B HUBBARD DVM MPH Assoc Prof Public Health 1R A HUEBNER DVM Assoc Prof Vet Med and Sura

Pharmacol 1HELEN E JORDAN DVM PhD Asst Prof Vet Path and Parasitol

IJ E KITTRELL DVM Asst Prof Vet Med and Surg Small Anim

IWALTER KORNFELD DVM PhD Assoc Prof Vet Physiol and Pharmacol

IS S KREUZ DVM Assoc Prof Vet Med and Surg Large Anim 1M C LOVELESS DVM Instr Vet Med and Surg Anat

Georgia 2560-2690

2620 Animal Husbandry Veterinary Medicine, School of-Continued 1J T MERCER DVM Assoc Prof Vet Med Cont Educ 25B L SOUTHWELL MS Prof and Head of Dept 1H C MORGAN DVM MS Asst Prof Vet Physiol and 2T M CLYBURN BS Asst Prof Beef and Swine (P O Pharmacol Reidsville) 20 M HALE PhD Assoc Prof Swine Nutr
25RALPH HUGHES MS Range Conserv
2J C JOHNSON PhD Assoc Prof Dairy
2R D JOHNSON BS Res Asst Dairy (PO Reidsville) 1.J D MORTON DVM Prof and Head Vet Med and Sura 1EUGENE PAPP DVM PhD Assoc Prof Vet Path and Parasitol (Path) 1P L PIERCY DVM Prof and Head of Vet Physiol 25F E KNOX BA Chem Nutr 2W C McCORMICK PhD Prof Beef and Swine and Pharmacol 1C T RAINEY DVM Asst Prof Vet Med and Surg Clin 1L D SCHWARTZ DVM Instr Vet Microbiol and Prev 25ELTON WHITE BS Range Conserv Med (Poultry) 12DENNIS SIKES DVM PhD Prof and Head of Vet Path 2630 Engineering (Agr) 2J L SHEPHERD BS Prof and Head of Dept and Parasitol (Path) 1L K TAUL DVM Asst Prof Vet Med and Surg 25J L BUTLER PhD Agr Engin Forage Pelleting 12W P VAN ESELTINE PhD Assoc Prof Vet Microbiol 2E J CONOLY BS Asst Prof Farm Mach 25W W HARE BS Agr Engin Farm Mach
25E A HARRELL MS Agr Engin Farm Mach
25R E HELLWIG BS Asst Agr Engin Forage Pelleting
25G N SPARROW MS Assoc Agr Engin SWC
2J R STANSELL BS Asst Prof Irrig and Prev Med (Bact) 1CLIFFORD WESTERFIELD DVM MS Prof Vet Anat and Histol Miscellaneous 1G I JOHNSON BSAE Agr Engin and Campus Coordinator ICA Cambodia Contract 2640 Entomology 2L W MORGAN MS Asst Prof and Head of Dept 1HELEN V MICHAELIS BALS Asst Prof Librs and South Br Libr 25E W BECK BS Ent Insect Residues 25M C BOWMAN BS Res Chem Insect Residues 25R A BYERS MS Ent Insect Residues 2580 **Branch Experiment Stations** Americus Plant Materials Center PO Americus 25P S CALLAHAN PhD Insect Morph and Ecol 2J D POWELL BS Supt and Assoc Prof Bot 63 25H C COX PhD Ent and Dir Southern Grain Insects Lab Northwest Ga Br Sta P O Calhoun
2D D HAYES BS Supt and Assoc Prof Agron Crop Mgt 25L H DAWSEY PhD Res Chem Insect Residues 2J H GIRARDEAU Jr MS Asst Prof Apic 2E E WORLEY Asst Supt and Asst Agric Econ 25J J HAMM MS Ent Insect Control 25D B LEUCK MS Ent Insect Residues Southeast Ga Br Sta P O Midville 20 L BROOKS BS Supt and Assoc Prof Agron 25W W McMILLIAN MS Ent Insect Biol 2C E PERRY MS Asst Supt and Asst Agric Econ Southwest Ga Br Sta P O Plains 25L M REDLINGER MS Ent Stored Grains 25A A SEKUL PhD Bio-Chem Insect Agts 25K J STARKS PhD Ent Insect Resist 2R B MOSS MS Supt and Asst Agric Econ 25HERBERT WOMACK MS Ent Stored Grains 25D W WOODHAM BS Chem Insect Residues Georgia Coastal Plain Experiment Station, Tifton 25J R YOUNG MS Ent Insect Toxicol 1College Staff 2Station Staff 3Extension Staff 5Coop USDA 6Division indicates comparable units at all locations 2650 Horticulture 2S A HARMON PhD Assoc Prof and Head of Dept 2590 2W T BRIGHTWELL PhD Assoc Prof Fruits 2F P KING PhD Dir (Tel .382-5561) 2C G DEL VALLE PhD Asst Prof Veg 25M T DEONIER MS Hort Veg 2600 Agronomy 25C A JAWORSKI PhD Res Soil Sci 12356G W BURTON PhD Genet Grass Brdg and Chm of Div 25ALFRED JONES PhD Res Genet Sweet Pot 25R B TAYLORSON PhD Res Plant Physiol Chem Weed 2S A PARHAM BS Prof and Head of Dept 25R S BAILEY Sci Aid Cotton Brdg 2M M EICHHORN PhD Asst Prof Chem 2H G UKKELBERG MS Assoc Prof Veg (PO Fleming) 25IAN FORBES PhD Res Agron Legumes 2R E WORLEY PhD Asst Prof Fruits and Nuts 25R O HAMMONS PhD Genet Peanuts 25R H HART PhD Res Agron Grass Brdg 2J E HARVEY BS Res Asst Peanuts 2660 25J M GOOD PhD Nematol and Head of Dept 25E W HAUSER PhD Res Agron Chem Weed Control
2R M HERNDON BS Res Asst Peanuts 2670 Plant Pathology 25J G JENKINS Res Agron Cotton Brdg 25F L LONG PhD Soil Sci (PO Fleming) 2C R JACKSON PhD Prof and Head of Dept 2P D DUKES PhD Asst Prof Tob Dis 25J G GAINES MS Plant Path Tob 25D L GILL PhD Plant Path Ornam 2W H MARCHANT BS Asst Prof Forages 25J D MILES MS Agron Tob 2D D MOREY PhD Assoc Prof Small Grains
25J B POWELL PhD Genet Grass Brdg 2ROBERT GOLDEN BS Res Asst Tob Dis 2S F JENKINS PhD Asst Prof Tob Dis 25D J MORTON PhD Res Plant Path Veg Mosaic 25W J WISER PhD Agron Corn Brdg 25R W TOLER PhD Plant Path Southern Peas 2610 25H D WELLS PhD Plant Path Grasses and Legumes Animal Diseases 2J G MILLER DSc PhD Prof and Head of Dept 2680 2W W ADAMS DVM Poultry Path 2D M BEDELL DVM Asst Prof 2R L CARTER MS Prof and Head of Dept 2J M RAY MS Asst Prof Virol 2M E WALKER MS Asst Prof Plant Nutr 2R F SOLARZANO DVM Asst Prof Virol 2690 25T B STEWART MS Parasitol Swine Miscellaneous 2W M STONE MS Asst Prof Parasitol 25R E McCLAIN BS Admin Asst 2J.E THIGPEN MS Asst Prof Virol 2W S WILKINSON PhD Assoc Prof Biochem 2Mrs JESSIE LEE STEPHENS Libr 25V J VALLI Met

35

Superation	2700	Engineering (Agr)—Continued
Shade Tobacco Substa PO Attapulgus		2J T REID MS Asst Prof Power Mach
2E J GIBSON MS Supt and Plant Path		
2PAUL COLDITZ MS Asst Prof Hort		Entomology 2770
		1236C M BECKHAM PhD Prof Cotton Insects and Head of
Georgia Agricultural Experiment Station, Experis		Dept and Chmn of Div
(Teleg and exp address, Griffin)	шент	
(Tereg and exp address, Ortifin)		2MINTER DUPREE Asst Prof Veg Crops
• C-11 0: 55 - 20: 11 0: 55		2J E ROBERTS PhD Asst Prof Livestock
1College Staff 2Station Staff 3Extension Staff	f	2H H TIPPINS PhD Assoc Prof Forage & Ornam
4Leave of Absence 5Coop USDA		
6Division indicates comparable units at all location	ns in	Food Processing 2780
system		1236J G WOODROOF PhD Prof Food Technol and Head of
		Dept and Chmn of Div
	2710	2T S BOGGESS MS Assoc Prof Food Chem
OW T FILL HOVE DO DO (To) 207 OAT D	2710	2S R CECIL PhD Prof Food Chem
2W T FULLILOVE BS Dir (Tel 227-9471 Ext 1)		
A		2E K HEATON MS Assoc Prof Food Chem
Agronomy	2720	2K C LI PhD Assoc Prof Food Anal
2S V STACY MS Prof and Head of Dept		2J E MARION PhD Asst Prof Oil Chem
20 E ANDERSON PhD Assoc Prof Soil Sci		2SARA ROBERSON MS Asst Prof Food Nutr
2F C BOSWELL PhD Asst Prof Soil Chem		
2J P CRAIGMILES PhD Prof Forage Crop Brdr		Forestry 2790
2D G CUMMINS PhD Asst Prof Crop Prod		
2D G CUMMINS PRD ASSI Proi Crop Prod		
2U R GORE PhD Prof Small Grain Brdr		2T S DAVIS BS Asst Prof For Mgt
2W S HARDCASTLE PhD Asst Prof Chem Weed C	Control	
2H B HARRIS PhD Asst Prof Soybean & Sorghum	Brdr	Home Economics 2800
25B S HAWKINS MS Res Agron Cotton Brdr		2JOSEPHINE MILLER BS Assoc Prof Biochem and
2M D JELLUM PhD Asst Prof Corn Brdr		Head of Dept
2B J JOHNSON MS Asst Prof Crop Prod		2R P ABERNATHY PhD Asst Prof Nutr
2L S JONES BS Asst Prof Soil Chem		2Mrs GRACE M HIERS AB Res Asst
		and diffice in the file AD Ties Assi
2J P NEWTON BS Asst Prof Crop Prod		Horticulture 2810
25H A PEACOCK PhD Res Agron Cotton Brdr		
2J T THOMPSON BS Asst Prof Chem Weed Contro	ol	2E F SAVAGE PhD Prof Pomol and Head of Dept
		2B B BRANTLEY Jr PhD Assoc Prof Veg Crops
Animal Industry	2730	2A H DEMPSEY PhD Prof Veg Crops
20 E SELL PhD Prof Pasture & Anim Husb and H		2B O FRY BS Assoc Prof Fruit Crops
of Dept	iedd	2R A HAYDEN PhD Asst Prof Fruit Crops
		24GEORGE TERESHKOVICH PhD Asst Prof Flor &
2D M BAIRD PhD Assoc Prof Anim Husb		Ornam
25W E BIZZELL MS Asst Parasitol		2W E WARD BS Res Asst Pomol
25HONORICO CIORDIA PhD Parasitol		ZW L WAND BO Nes Asst Pomoi
2H C McCAMPBELL MS Asst Prof Meats		
2M E McCULLOUGH MS Assoc Prof Anim Nutr		Regional Primary Plant Introduction Station
2W E NEVILLE Jr PhD Assoc Prof Anim Brdr		(PO Experiment) 2820
of Defende A-+D (D: W)		25W R LANGFORD PhD Coordinator Pasture & Forage
2L R SISK BS Asst Prof Dairy Husb		Crops
		2W L CORLEY MS Asst Prof Hort Crops
Botany and Plant Pathology	2740	2J H MASSEY PhD Asst Prop Field Crops
2E S LUTTRELL PhD Prof Mycol and Head of De	ot	25GROVER SOWELL Jr PhD Plant Path Mycol
2L W BOYLE PhD Prof Peanut Dis	•	23GHOVER SOWELL STEED FIGHT PRIN MYCOL
25R E BURNS PhD Plant Physiol		
2W A CHANDLER PhD Asst Prof Peach Dis		U.S. Dept of Commerce Weather Bureau (PO Experiment) 2830
2R T HANLIN PhD Asst Prof Mycol		R E JENSEN BS Agr Met
2C W KUHN Phd Asst Prof Virol		
		Eatonton Project Area (PO Rte 3 Madison) 2840
Chemistry	2750	2G V CAL VEDT BC And D (1) 17
2K T HOLLEY BS Prof and Head of Dept		2G V CALVERT BS Asst Prof Anim Husb and In Charge
2H D STELZNER PhD Asst Prof Enzymes		2J W MOORE BS Asst Prof For
2C T YOUNG MS Asst Prof Food Chem		2P E WHITE BSA Asst Prof Anim Husb-Beef
20 1 100NG WIS ASSI FIDI FOOd Chem		
F . (1)		
Economics (Agr)	2755	Miscellaneous 2850
2N M PENNY PhD Prof Mktg and Head of Dept		2JULIA GRANT BBA Comptroller
2J R ALLISON PhD Asst Prof Prod		2Mrs ELIZABETH W HASTY Admin Secy and Asst Ed
2R J AMICK PhD Asst Prof Prod		2Mrs EDNA H OLSON MS Libr
2R F ANDERSON MS Asst Prof Mktg		THE ESTATE OF SOLA MP FIDE
2J D BROWN MS Asst Prof Mktg		
		Substation
25W F CHAPMAN PhD Agr Econ Mktg		
2J C ELROD MS Prof Prod & Data Proc		Ga Mt Br Sta PO Blairsville
2K E FORD MS Assoc Prof Mktg		2J E BAILEY BS Prof Hort and in Chg Veg Crops
2W W HARPER MS Assoc Prof Agr Pol		2J W DOBSON Jr MSA Asst Prof Agron Forgge Crops
2E E HUBBARD BBA Res Asst		2C D FISHER MS Asst Prof Agron Forage Crops
2G C LANCE BS Res Asst		2M W NEATHERY MS Asst Prof Anim Husb Sheep
2J C PURCELL PhD Prof Mkt Demand		2M B PARKER MS Asst Prof Agron Soils
		and a for a for a formation and the formation an
2BOBERT BAHNIKAR PhD Acct Doct Mark Day		2JACK TAYLOR PhD Assoc Prof Dlant Dath & 1
2ROBERT RAUNIKAR PhD Asst Prof Mkt Demond		2JACK TAYLOR PhD Assoc Prof Plant Path Apple Dis
		2JACK TAYLOR PhD Assoc Prof Plant Path Apple Dis 25J M THOMPSON PhD Genet Apples
Engineering (Agr)	2760	250 M I HOMPSON PhD Genet Apples
Engineering (Agr) 2J G FUTRAL BS Prof Power Mach and Head of Do	2760	2JACK TAYLOR PhD Assoc Prof Plant Path Apple Dis 25J M THOMPSON PhD Genet Apples The Fort Valley State College, Fort Valley
Engineering (Agr) 21 G FUTRAL BS Prof Power Mach and Head of Do 2H M FULLILOVE III BS Asst Prof Power Mach	2760 ept	The Fort Valley State College, Fort Valley
Engineering (Agr) 2J G FUTRAL BS Prof Power Mach and Head of Do	2760 ept	250 M I HOMPSON PhD Genet Apples

1C V TROUP PhD President

Agriculture

IC L'ELLISON PhD Prof Agron and Chmn of Div 1B S ANDERSON MS Assoc Prof Agr Educ 1EARNEST CORKER DVM Asst Prof Anim Husb 1MALCOLM C BLOUNT MS Asst Prof Agron IMALCOLM C BLOOM I MAD Asst Prof Doiry Husb IGETTER HUGGINS MS Instr Poultry Husb ICLIFTON C ACKER MS Asst Prof Hort IM E SINGLETON MS Asst Prof Agr Engin IHOUSTON STALLWORTH PhD Assoc Prof Hort

2890 Home Economics

1MOTTAL SIMS MA Assoc Prof Home Econ and Actg Chmn of Div

1OSSIE M ASH MA Instr Clothing

1Mrs EUNICE RUTLEDGE MA Asst Prof Nursery Sch Educ

1Mrs GLADYCE SAMPSON* MS Inst Home Econ Educ AMANDA CUMMINGS MS Inst Home Econ Educ

1Mrs SALLIE WATSON MA Asst Prof Foods and Nutr

*On leave

HAWAII

College of Tropical Agriculture, the Agricultural Experiment Station and the Agricultural Extension Service of the University of Hawaii, Honolulu

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence

2900

2870

2880

THHAMILTON PhD Pres WILLARD WILSON PhD Secy
R WHIATT PhD Vice Pres for Acad Affairs
R S TAKASAKI MA Vice Pres for Bus Affairs

123M M ROSENBERG PhD Dean of Col of Tropical Agr Dir of Agr Expt Sta Dir of Agr Ext Serv Sr Prof (Tel 992051 Local 231)

12SHOSUKE GOTO PhD Asst Dean of Col of Tropical Agr Assoc Prof and Assoc Plant Path

12G D SHERMAN PhD Assoc Dir of Agr Expt Sta and Sr Prof and Sr Soil Sci

3D N GOODELL MS Assoc Dir of Agr Ext Serv A C SMITH PhD Dir of Res

2910 Agronomy and Soil Science

120 R YOUNGE PhD Prof Agron and Chmn of Dept 12E J BRITTEN PhD Prof Agron 12R L FOX PhD Assoc Prof Soil Sci 124HARUYOSHI IKAWA MS Instructor Soil Sci 12YOSHINORI KANEHIRO MS Asst Prof Soil Sci 3CLARENCE LYMAN MS Spec in Pasture Mgt 2YOSHITO MATSUSAKA MS Asst Soil Sci 3WADE McCALL PhD Spec in Soil Fest 12D G MOORE PhD Asst Prof Soil Sci

2Mrs MARTHA T NAKAMURA MS Junior Soil Sci 2P P ROTAR PhD Asst Agron

12L D SWINDALE PhD Prof Soil Sci

12MAKOTO TAKAHASHI MS Assoc Prof Agron 12GORO UEHARA PhD Asst Prof Soil Sci 12R T WATANABE MS Instr Soil Sci

2920 Animal Science 124E H COBB PhD Assoc Prof Anim Sci and Chmn of Dept

3DALE FURR PhD Area Livestock Spec

12I I IWANAGA BS Instr Anim Sci 3G H JENKINS BS Assoc Area Spec in Anim Sci

134J H KOSHI PhD Assoc Prof Anim Sci 1F T LYND DVS Lect

2KIYOICHI MORITA BS Asst in Anim Sci

124K K OTAGAKI PhD Assoc Prof Anim Sci 12R W STANLEY PhD Asst Prof Anim Sci

Animal Science-Continued

3H M VOLLRATH MS Ext Anim Husb 12OLIVER WAYMAN PhD Prof Anim Sci

Biochemistry (Agr) 2930
12HIROMU MATSUMOTO PhD Assoc Prof Biochem and Chmn of Dept

12J W HYLINPhD Asst Prof Biochem 2YOSHIHIKO KAWANO MS Junior Biochem 2R L YOUNG PhD Asst Biochem

Economics (Agr)

12F S SCOTT Jr PhD Prof and Agr Econ and Chmn of Dept

12LUDWIG AUER PhD Asst Prof and Asst Agr Econ

1H L BAKER MS Lecturer and Land Econ 12E R BARMETTLER PhD Asst Prof and Asst Agr Econ

12E H BARMETTLEH PIND ASST PROT and ASST Agr 3J R BOYER MS Asst Agr Econ 34S M DOUE MA Asst Agr Econ 3H M HIROSHIGE MA Asst Agr Econ 13J T ISHIDA PIND ASSOC Agr Mktg Spec 12J T KEELER MS Asst Prof and Asst Agr Econ 12A B LARSON PIND ASST Prof and Asst Agr Econ 25H R LINSTROM MS Coop Agr

1BF LUCAS MS Lecturer in Agr Econ

3ELEANORA MATSUMOTO MA Spec Consum Mktg Inform

124C W PETERS MS Prof and Agr Econ

124P F PHILIPP PhD Prof and Agr Econ 34SHIRO TAKEI MS Asst Mktg Spec

1P P WALLRABENSTEIN PhD Lecturer and Agr Statis

2950 Engineering (Agr)

12D M KINCH PhD Prof Agr Eng and Chmn of Dept 3H M GITLIN MS Asst Agr Eng 12B D VAN'T WOUDT PhD Asst Prof Agr Eng

12J K WANG PhD AsstProf Agr Eng

2960 Entomology 12D E HARDY PhD Senior Prof Ent and Chmn of Dept 12J W BEARDSLEY PhD Asst Prof Ent

12H A BESS PhD Senior Prof Ent 2F H HARAMOTO MS Asst Ent

12W C MITCHELL PhD Asst Prof Ent 124RYOJI NAMBA PhD Assoc Prof Ent 2TOSHIYUKI NISHIDA PhD Prof Ent

12C W RUTSCHKY PhD Prof Ent

12MARTIN SHERMAN PhD Prof Ent 12MINORU TAMASHIRO PhD Asst Prof Ent

Extension Service

3Mrs JEAN A GUTIERRES MA Spec in Training and

3Mrs GERTRUDE P HARRELL MS State Ext Home Econ 3W I HUGH PhD Area Spec in Swine Mgt G M NAKASATO MS County Agent Supvr

3KATHRYN J ORR MS Spec in Foods and Nutr

3VERA Y REID MS Spec in Home Mgt
3J Y SHIGETA MS Asst Supvr of 4-H Club Work

3J L STORMONT MEd Supvr of 4-H Club Work 3TOKUSHI TANAKA MS Area Spec in Poultry

3F G TEHO BS Asst Spec of Vis Aids

Food Science and Technology 12EDWARD ROSS PhD Prof Food Sci and Chmn of Dept 12LYLE ALLEN PhD Asst Prof Food Sci 12HILMER FRANK PhD Assoc Prof Food Sci 12H Y YAMAMOTO PhD Asst Prof Food Sci

Home Economics

1Mrs MARGARET S EDER MS Asst Prof in Home Econ 1MYRTLE L BROWN PhD Assoc Prof in Home Econ 1Mrs GLORIA FURER BS Instr in Home Econ 1Mrs ORPHA HERRICK MS Asst Prof in Home Econ 1H B KALANI MA Asst Prof in Home Econ 1Mrs HAZEL KRAEMER PhD Prof in Home Econ

Home Economics - Continued

IELIZABETH MACKAY PhD Asst Prof in Home Econ

Branch Stations and Experimental Forms-Continued

5R B FOSTER MS Collab (PO Aberdeen)

12R W HARDER MS Assoc Prof Soil Mgt

5H L HARRIS BS Collab (PO Aberdeen)

12G C LEWIS PhD Assoc Prof Soil Chem 5T W MASSEE MS Collab (PO St Anthony)

12H P HERMANSON PhD Asst Prof Soil Chem 12D J LeTOURNEAU PhD Prof Plant Biochem

2J A CROZIER PhD Asst Hort 2E E TRUJILLO PhD Asst Plant Path 1ELIZABETH RONIGER MS Asst Prof in Home Econ
1Mrs CHRISTINE TULL MA Assoc Prof in Home Econ Mid-Pacific Experimental Farm PO Honolulu 10MA UMBEL MS Assoc Prof in Home Econ 2ICHIRO NAKAMURA Foreman Poamoho Experimental Farm PO Waialua 12J C GILBERT PhD Assoc Prof Hort and Chmn of Dept 2F A I BOWERS BS Asst Hort OAHII 2NOBORU KANDA Foreman 12J L BREWBAKER PhD Assoc Prof Hort Waimanalo Experimental Farm PO Waimanalo 13H F CLAY PhD Assoc Prof Hort
12R A HAMILTON PhD Prof Hort
12R W HARTMANN PhD Asst Prof Hort OAHII 2H S WAKI Foreman 124HARUYUKI KAMEMOTO PhD Prof Hort IDAHO 12TOSHIO MURASHIGE PhD Asst Prof Hort 3YUKIO NAKAGAWA BS Asst Spec Hort College of Agriculture and the Agricultural Experiment 12H Y NAKASONE PhD Asst Prof Hort Station of the University of Idaho, Moscow 12R R ROMANOWSKI PhD Asst Prof Hort 2 J S TANAKA MS Junior Hort 12R M WARNER PhD Prof Hort 12D P WATSON PhD Prof Hort 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 3W J YEE MA Asst Spec Hort 3060 1D R THEOPHILUS PhD Pres of Univ 3010 123J E KRAUS PhD Deam of Col of Agr Dir of Sta Dir Ext (Tel TU .3-0110 Ext 6458) 12DORIS M HILKER PhD Asst Prof Nutr and Chmn of Dept 1D A MARSHALL PhD Assoc Dean of Col of Agr (Tel TU 3-01:0 Ext 6458) 12I J LICHTON PhD Assoc Prof Nutr 12Mrs BLUEBELL R STANDAL PhD Asst Prof Nutr 2R D ENSIGN PhD Assoc Dir of Sta (Tel TU 3-0110 2Mrs NAO S WENKAM MS Junior Nutr Ext 6483) 3C O YOUNGSTROM MS Assoc Dir of Ext (PO Boise Parasitology 3020 Tel.344-5811 Ext 405) 2J E ALICATA PhD Parasitol and Chmn of Dept 12D O EVERSON PhD Assoc Prof Expt Sta Statts 2803 1K A DICK MBA CPA Vice Pres for Fin Affairs 1JW WATTS BS Bus Mgr 12M L DeWITT MS Form Supt Plant Pathology 12R B HINE PhD Asst Prof Plant Path and Chmn of Dept 2MINORU ARAGAKI PhD Asst Prof Plant Path 120 V HOLTZMANN PhD Asst Prof Plant Path Animal Science 3070 12MAMORU ISHII PhD Assoc Prof Plant Path 12T D BELL PhD Prof and Head of Dept 12J P BAKER PhD Asst Prof Anim Nutr 5R L BLACKWELL PhD Collab (PO Dubois) Plant Physiology 12E W PUTMAN PhD Assoc Prof Plant Physiol and Chmn 12R E CHRISTIAN PhD Assoc Prof Anim Genet of Dept 5S K ERCANBRACK PhD Collab (PO Dubois) 2K R FREDERIKSEN MS Asst Anim Sci Anim Nutr 2E K AKAMINE MS Assoc Plant Physiol 24MINORU AWADA MS Asst Plant Physiol 2H F CLEMENTS PhD Sr Plant Physiol (PO Dubois) 3M L HEMSTROM MS Ext Anim Husb 12C W HODGSON PhD Assoc Prof Beef Cattle 12B J COOIL PhD Assoc Prof Plant Physiol 121 A LOCKHART PhD Assoc Prof Plant Physiol 2SHIGERU NAKATA MS Asst Plant Physiol 2YOSHIO WATANABE BS Asst in Plant Physiol 5C V HULET PhD Collab (PO Dubois) 5R D HUMPHREY MS Collab (PO Dubois)

12T B KEITH PhD Prof Anim Nutr

12L E ORME PhD Asst Prof Meats

5D A PRICE PhD Collab (PO Dubois)

2G D SHARP MS Asst Anim Sci Junior **Poultry Science** 13S L McHENRY DEd Assoc Prof Ext Poultry Husb and Chmn of Dept Anim Nutr (PO Caldwell) 12R B HERRICK PhD Asst Prof Poultry Sci 124A L PALAFOX MS Asst Prof Poultry Sci 1212ERNEST ROSS PhD Assoc Prof Poultry Sci 12S E SLYTER BS Instr Beef Cattle
3W G WELLS BS Ext Anim Husb (PO Boise)
5L O WILSON BS Collab (PO Dubois) 2FELICIANO ENRIQUEZ BS Asst in Poultry Sci Bacteriology 3080 Branch Stations and Experimental Farms 12V A CHERRINGTON PhD Prof and Head of 3050 Hawaii Branch Station PO Hilo HAWAII 12G R ANDERSON PhD Assoc Prof 2TAKUMI IZUNO PhD Asst Hort 12S M BECK PhD Assoc Prof 12O B WEEKS PhD Prof 2S M ISHIZAKI MS Junior Angl 2P J ITO PhD Asst Hort 2ROBERT RAABE PhD Plant Path Biochemistry and Soils (Agr) 3090 12B J ROGERS PhD Assoc Prof Plant Physiol 12A C WIESE PhD Prof and Head of Dept 12G O BAKER MS Prof Soil Mgt Maui Branch Station PO Makawao 5J F DOUGLASS PhD Collab (PO Boise)
12M A FOSBERG PhD Assoc Prof Soil Classif MAUI

HAWAII

KAUAI

2D F WILLIAMS PhD Asst Hort 2R E GREEN PhD Asst Soil Sci

2D L PLUCKNETT PhD Asst Agron

Kona Branch Station PO Kealakekua

2E T FUKUNAGA MS Agr Kauai Branch Station PO Kauai

		Expression Consul
Biochemistry and Soils (Agr)—Continued		Extension Administration—Continued 3G T McALEXANDER BS Dist Ext Agt Supvr
12PAUL MUNETA PhD Asst Prof Food Technol 2T G SOMMERFELDT PhD Asst Soil Sci Soil Mgt		3G E McPROUD MS Ext Studies Spec
(PO Aberdeen)		3Mrs DOROTHY N STEPHENS MS Asst State
2R M WISE BS Asst Agr Chem Cereal Chem		Home Demon Agt Leader (PO Boise) 3D E WARREN BS State 4-H Club Leader
(PO Aberdeen)		3L M WILLIAMS BS Dist Ext Agt Supvr (PO Boise)
Dairy Science	3100	- 23/0
12R H ROSS PhD Prof and Head of Dept		Forestry 3160 3V H BURLISON BS Ext For
12J L BARNHART PhD Assoc Prof Dairy Prods		3V H BOILLISON BB LACTOR
3G W CLEVELAND BS Ext Dairyman (PO Boise) 12R M COOK PhD Asst Prof Dairy Nutr		Home Economics Research 3170
12F C GEPHART BS Instr Dairy Prods		2MARY V ZAEHRINGER PhD Head of Dept and Home
12K R JOHNSON PhD Prof Anim Genet		Econ 2SHIRLEY V BRING MS Asst Home Econ Foods and
12J E MONTOURE PhD Asst Prof Dairy Prods 2D L THACKER MS Asst Dairy Sci Dairy Nutr		Nutr
(PO Caldwell)		2Mrs HELEN H CUNNINGHAM MS Asst Home Econ Foods
12H K WILSON BS Instr Dairy Prods		and Nutr
	2110	3HILDA FREDERICK MA Ext Home Mgt Spec (PO Boise)
Economics (Agr) 12W E FOLZ PhD Prof and Head of Dept	3110	3ESTHER NYSTROM BA Ext Clothing Spec
15J C ANDERSON PhD Asst Prof and Collab		(PO Boise)
12R C BEVAN PhD Assoc Prof Farm Mgt		2Mrs GRETCHEN L POTTER BS Asst Home Econ Junior Foods and Nutr
3V D KENNEDY MS Farm Mgt Spec (PO Boise)		3WILLMA SHRYACK MHE Ext Home Furnishing Spec
12K H LINDEBORG PhD Asst Prof Prod Econ 12G E MAROUSEK PhD Assoc Prof Mktg		
3R W ROBINSON PhD Ext Agr Econ Mktg Inf		Information (Agr) 3180
(PO Boise)		23J S HOLDERNESS MS Agr Ed 3C G D'EASUM BA Asst Ext Ed (PO Boise)
12L V SUMMERS MS Asst Prof Mktg		123J L JOHNSON BA Asst Agr Ed
12J H WEBER MS Asst Prof Mktg 3R W WILCOX PhD Ext Agr Econ (PO Boise)		
2E L WILLIAMS MS Asst Agr Econ		Plant Sciences 3190 12A M FINLEY PhD Prof and Head of Dept
For Econ		2G D AMES MS Asst Agron Weeds (PO St Anthony)
12R V WITHERS PhD Asst Prof Farm Mgt		2C E DALLIMORE MS Asst Plant Path Nematodes
Education (Agr)	3120	(PO Aberdeen)
1H A WINNER MS Prof and Head of Dept		2L L DEAN PhD Assoc Plant Path Beam Dis (PO Twin Falls)
1R C HAYNES MS Asst Prof		12H C DOSTAL PhD Asst Prof Hort
1D L KINDSCHY EdD Prof		12L C ERICKSON PhD Assoc Prof Weeds
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2G M McMASTER BS Asst Irrig (PO Aberdeen)		(PO Aberdeen)
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2D W WORKS WID ASSOC AGE ENGINE I WIN ELECT		(PO Twin Falls)
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5K E GIBSON MS Collab (PO Twin Falls)		5LIND SANFORD PhD Collab (PO Aberdeen) 2R J SCHAEFFER MS Junior Asst Agron Cereal Crops
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3270

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12R J MUTTI PhD Prot Agr Maky
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3300

3290

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3360

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3380

3300

3400

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Vocational Agriculture Service

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12MARTIN STOB PhD Prof

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Animal Science-Continued

2F A Waltz BS

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Economics (Agr)-Continued

12L M EISGRUBER PhD Assoc Prof Agr Econ

3EDWARD DAILEY MS Asst Prof Agr Econ 12R L EICHHORN PhD Assoc Prof Sociol

Extension Service -- Continued

Recreation

3J M MACKLIN PhD Assoc 4-H Clubs 3F L McREYNOLDS MA Assoc Rural Youth and

3EVELYN P OUESENBERRY MS Asst 4-H Clubs

Engineering (Agr)-Continued

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13R M LIEN MSAE Assoc Prof Agr Engin
121 B LILJEDAHL PhD Prof
23B A McKENZIE MSAE Asst Prof
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3E A HOLM MS Asst 4-H Clubs
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Indiana 3530-3560

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Horticulture

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25J R GARRETT BS Agr Statis 25F R SHIVELY BS Agr Statis 25D E WILGENBUSCH MS Agr Statis

Veterinary Science and Medicine School of

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1J F BULLARD DVM MS Prof and Asst Dean

1A R ALLEN MS Asst Prof Med Illus

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12E J HINSMAN DVM PhD Asst Prof

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1W W ZENT DVM Instr

MICROBIOLOGY PATHOLOGY AND PUBLIC HEALTH 12R M CLAFLIN DVM PhD Prof and Head of Dept 12C H ARMSTRONG DVM Instr

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12D P GUSTAFSON DVM PhD Prof		sion Service in Agriculture and Home Economics of the Iowa
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120 F ROESEL DVM Instr		Econ Devipmt
12W J TIETZ DVM PhD Assoc Prof		1H B HOWELL MS Prof Chief of Party Iowa-Peru
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3F A HALL DVM Prof		1R K PERRIN BS Admin Asst
2B W HATCHER MS Supt of Vet Sci Form		3W G STUCKY MEd Educ Leader of Center for Agr and Econ Devlpmt
3K M WEINLAND DVM Asst Prof		Leon Devipmi
	armen.	Agronomy 3630
ibraries	3570	123W H PIERRE PhD Prof and Head of Dept
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1ANN E KERKER MSLS Vet Sci Libr		2I C ANDERSON PhD Assoc Prof Crop Physiol and
1H T MURPHY MALS Life Sci Libr		Prod .
		2K H ASAY MS Assoc Crop Brdg 12R E ATKINS PhD Prof Crop Brdg
lorth Central Regional Poultry Breeding Laboratory	3580	3C R BALLANTYNE MA Assoc Prof Soil Conserv
25P C LOWE MS Poultry Husb		2G M BEIL Assoc Crop Brdg
25B T WEINLAND MS Poultry Husb		12C A BLACK PhD Prof Soil Chem
25S P WILSON PhD Regional Coordinator		12J M BREMNER PhD Prof Soil Biochem
tate Egg Board	2000	2J H BROWN Assoc Crop Physiol
2E R MENEFEE MSA Exec Secy-Treas	3590	2R H BUSCH BS Assoc Crop Brdg
		12I T CARLSON PhD Assoc Prof Crop Brdg 2H H CHENG PhD Assoc Soil Biochem
		25R F DALE MS Collab Climatol
Outlying Research Farms	3600	2C J DeMOOY IR Assoc Soil Mgt
2W M McVEY BSA Dir of Outlying Farms		2L J DESSELLE BS Assoc Soil Fert
2T S SPECK MS Asst to Dir of Outlying Forms		25R I DIDERIKSEN BS Collab Soil Classif
Herbert Davis For Farm PO Farmland—		25W P DIETZ BS Collab Soil Classif
2J R HODGES BSA Supt .ynnwood Farm PO Carmel—		25Å F DODGE MS Collab Crop Prod New Crops
2C H NICKEL Farm Mar		2A D DRAPER MS Assoc Crop Brdg
2D A WEBB BSA Res Leader		2LLOYD DUMENIL PhD Assoc Prof Soil Mgt 3E R DUNCAN PhD Prof Soil and Crop Mgt
filler Purdue Memorial Farm PO Upland-		25S A EBERHART PhD Collab Quantitative Genet and
2D A HUBER BSA Supt		Crop Brdg
loses Fell Annex Form PO Bedford—		2A P EDWARDS PhD Asst Prof Soil Biochem
2H G HALL Supt		3KALJU EIK PhD Assoc Soil Fert
Sinney Purdue Farm PO Wanatah 2M A MOHLER MS Supt		2J C ELDREDGE PHD Assoc Prof Crop Brdg
- Constitution of the cons		2A J ENGLEHORN MS Asst Prof Soil Mgt

Agronomy-Continued

1T E FENTON MS Instr Soil Classif 25C S FISHER BS Collab Soil Classif

12L R FREDERICK PhD Prof Soil Microbiol
12K J FREY PhD Prof Crop Brdg

2R C FROHBERG BS Assoc Crop Brdg

3D W GRIMES MS Assoc Soil Fert

2G F HALL MS Assoc Soil Classif

25A R HALLAUER PhD Collab Crop Brdg

23J J HANWAY PhD Prof Soil Fert

23J J HANWAY PhD Prot Soil Fert
25V B HAWK PhD Collab Crop Prod
2R L HIGGS MS Assoc Seed Certif
5J D HIGHLAND BS Collab Soil Classif
2H D HUGHES MS Prof Crop Prod

2C D HUTCHCROFT PhD Assoc Prof Seed Certif 3MINORU ISOBE MS Assoc Soil Fert

1M W JUTRAS MS Instr Prod 2D R KEENEY MS Assoc Soil Biochem

2J S KIRBY MS Assoc Crop Brdg

12DON KIRKHAM PhD Dist Prof Soil Phys

30 A KNOTT MA Asst Prof Crop Prod 2J A KOVAR MS Assoc Soil Classif

25W E LARSON PhD Prof Soil Mgt

1G D MINION MS Instr Crop Prod
12R L MITCHELL PhD Asst Prof Crop Prod
25W C MOLDENHAUER PhD Assoc Prof Soil Mgt

28W J MOLINE MS Assoc Pasture Mgt
28J MURDOCK MS Assoc Soil Mgt
2R P NICHOLSON BS Asst Prof Soil and Crop Mgt
3W R OSCHWALD MS Assoc Soil Classif

25L H PENNY PhD Prof Crop Brdg 12J T PESEK Jr PhD Prof Soil Fert

12P A PETERSON PhD Assoc Prof Cytogenet and Crop Brdg

2W L POWERS MS Assoc Soil Phys

2RICHARD PROTZ MS Assoc Soil Classif

12F F RIECKEN PhD Prof Soil Classif
2E C ROBERTS PhD Assoc Prof Turf Mgt
2J L ROBINSON PhD Prof Seed Certif
2A S ROGOWSKI MS Assoc Soil Phys

25R V RUHE PhD Prof Soil Classif

12W A RUSSELL PhD Prof Crop Brdg
3F W SCHALLER PhD Prof Soil and Crop Mgt
1W H SCHOLTES PhD Prof Soil Classif (Iowa-Uruguay Contract)

Contract)

12A D SCOTT PhD Prof Soil Chem

25G E SCOTT PhD Collab Crop Brdg

12R H SHAW PhD Prof Climatol

12R M SHIBLES PhD Asst Prof Crop Physiol and Prod

12W D SHRADER PhD Assoc Prof Soil Mgt

25R C SHUMAN MS Collab Soil Classif 25W H SKRDLA PhD Prof Crop Prod New Crops

2R L SMITH BS Assoc Crop Brdg

3J A STRITZEL PhD Assoc Prof Soil Fert

2G A TAYLOR MS Assoc Crop Brdg 1R M TAYLOR MS Instr Crop Prod

3H E THOMPSON PhD Prof Crop Prod 1L M THOMPSON PhD Prof Soil Fert

1F R TROEH PhD Asst Prof Soil Classif

2R L VANDERLIP MS Assoc Soil Fert

25P J WAITE BS Collab Climatol

25 P J WALTE BS COHAD CLIMATOR
2P H WALKER MS Assoc Soil Classif
2JOHN WEBBR PhD Assoc Prof Soil Fert
25C R WEBER PhD Prof Crop Brdq
12W F WEDIN PhD Assoc Prof Pasture Mgt
2K L WELLS MS Assoc Soil Classif
2E A WERNSMAN PhD Assoc Cytogenet and Crop Brdg

2D A WHITNEY MS Assoc Soil Fert 12C P WILSIE PhD Prof Crop Brdg

12D G WOOLLEY PhD Assoc Prof Crop Prod

Animal Science and Dairy Science

1235L E JOHNSON PhD Prof and Head

123A R PORTER MS Prof in Chg of Dairy Sci 2R S ALLEN PhD Prof Dairy Biochem

1A L ANDERSON MS Prof Swine

Animal Science and Dairy Science-Continued

2L L ANDERSON PhD Asst Prof Physiol and Reprod 2R R ANDERSON PhD Asst Prof Physiol and Reprod

2E I ANDRESEN DVM Phd Assoc Prof Immunogenetist 1C E BABCOCK BS Assoc Dairy and Beef Prod (Iowa-Uruguay Contract)

2L N BAKER PhD Asst Prof Immunogenetist 3REX BERESFORD MS Prof Beef Cattle

2J M BRYANT MS Assoc Dairy Nutr

12W E BURROUGHS PhD Prof Rum Nutr
1W C CHRISTIANSEN BS Asst Prof Rum Nutr (Iowa-Uruguay Contract)

2D A COOK MS Assoc Dairy Nutr 2D F COX PhD Asst Prof Swine Breed

2C C CULBERTSON MS Prof Anim Prod

3R C deBACA PhD Asst Prof Anim Breed

12S A EWING PhD Assoc Prof Beef Cattle
12C F FOREMAN PhD Assoc Prof Dairy Cattle
2A E FREEMAN PhD Assoc Prof Dairy Breed

12D E GOLL PhD Asst Prof Meats

1E H HAYNES PhD Assoc Prof Anim Nutr

12V W HAYS PhD Assoc Prof Swine Nutr 12SL N HAZEL PhD Prof Anim Breed 3J B HERRICK DVM MS Prof Vet Med

12N L JACOBSON PhD Dist Prof in Agr Dairy Nutr

23H H KILDEE DAgr Prof Anim Sci and Deam(Emeritus)

2D E KIMM BS Assoc Swine Breed 1J J KISER MS Assoc Prof Horses 12E A KLINE PhD Assoc Prof Meats

2D D KRATZER BS Assoc Swine Breed 1W F LaGRANGE MS Prof Livestock

12J L LUSH PhD Dist Prof in Agr Anim Brdg

12J T McCALL PhD Asst Prof Anim Brag 12J T McCALL PhD Asst Prof Anim Biochem 2B R McCLURG MS Assoc Swine Breed 2A D McGILLIARD PhD Asst Prof Dairy Nutr

12R M MELAMPY PhD Prof Anim Physiol and Reprod

2A E MOLLN BS Assoc Swine Breed
2G L PARKS BS Assoc Beef Cattle Breed
3E L QUAIFE BS Assoc Prof Swine

2JANE RAYMOND MS Assoc Meats

3R E RUST MS Asst Prof Meats
2J R SCHULTZ BS Assoc Physiol and Reprod
23H L SELF PhD Prof Livestock
12P S SHEARER MS Prof Anim Sci
25C E SHELBY PhD Assoc Prof and Dir Reg Swine

Brda Lab

1J A SIMS PhD Asst Prof Dairy Cattle

3M L SPEAR DVM Asst Prof Vet Med 12V C SPEER PhD Assoc Prof Swine Nutr

3E J STEVERMER PhD Asst Prof Swine

1R E TAYLOR PhD Asst Prof Swine
2AH TRENKLE PhD Asst Prof Rum Nutr
3H H Van HORN PhD Asst Prof Dairy Cattle

3H H Van HOHN PhD Asst Prof Dairy Cattle
2R L VETTER PhD Asst Prof Rum Nutr
3D E VOELKER MS Assoc Prof Dairy Cattle
1G R WAGNER MS Instr Anim Sci
1D R WARNER PhD Asst Prof Sheep
3M D WHITEKER PhD Asst Prof Swine
3R E WHITMORE BS Assoc Dairy Cattle

3T W WICKERSHAM MS Assoc Prof Sheep 2R E WORTHINGTON PhD Asst Prof Dairy Biochem

3W G ZMOLEK MS Assoc Prof Beef Cattle and Mktg

Bacteriology 2W R LOCKHART PhD Prof and Chmn of Dept

2R E BUCHANAN PhD Prof Taxon

12P A HARTMAN PhD Prof Microbiol Proc

3640

3650

Biochemistry and Biophysics 36
12DEXTER FRENCHPhD DSc Prof and Chmn of Dept 12R S ALLEN PhD Prof Anim Nutr

1E W BIRD PhD Prof Dairy Chem

2W A GAESSLER MS Assoc Prof Cereals
12D J GRAVES PhD Asst Prof Enzymology
12W R HEARN PhD Assoc Prof Metabolism
12R M HIXON PhD Prof Cereals

Biochemistry and Biophysics-Continued

15M H ROEPKE PhD Prof Vet Biochem
2B H THOMAS PhD Prof Nutr
12C L TIPTON PhD Asst Prof Lipids
2ISOA TOMITA PhD Assoc Biochem Mechanisms

Botany and Plant Pathology

3670 123F G SMITH PhD Prof and Acting Head

1J M AIKMAN PhD DSc Prof Ecol 2I C ANDERSON PhD Asst Assoc Prof Crop

Physiol and Prod

2A L BAKKE PhD Prof Weed Invest 1C C BOWEN PhD Assoc Prof Cytol

12J A BROWNING PhD Assoc Prof Cereal Dis

12W F BUCHHOLTZ PhD Prof Plant Path

1R M CHASSON PhD Assoc Prof Physiol 1J D DODD PhD Prof Bot

25J M DUNLEAVY PhD Prof Soybean Dis

3L E EVERSON PhD Prof Seed Tech

2D C FOLEY PhD Assoc Prof Corn Dis 14J C GILMAN PhD Prof Mycol 123D F GRABE PhD Asst Prof Seed Tech

123C R GUNN MS Assoc Seed Tech 5A H HAGGE BS Supvr of Plant Pest Control Prog

2J C HORTON PhD Assoc Prof Veg Dis 1DUANE ISELY PhD Prof Taxcon

1GEORGE KNAPHUS MS Instructor Bot

5MICHEAL KOMANETSKY Collab Plant Pest Control

3R C LAMBE PhD Asst Prof Path

1R Q LANDERS PhD Asst Prof

5E E LEPPIK PhD Collab Plant Path 1N R LERSTEN PhD Asst Prof Morph

IW E LOOMIS PhD Prof Physiol

12H S McNABB Jr PhD Assoc Prof Tree Dis

2I E MELHUS PhD Prof Path

1J T MCKEL PhD Asst Prof Bot

2D C NORTON PhD Assoc Prof Nematol

1H S PANKRATZ MS Assoc Cytol

1R W POHL PhD Prof Taxcon

2C S REDDY PhD Prof Plant Path

1J E SASS PhD Prof Anat

5M D SIMONS PhD Prof Oat Dis

2D W STANIFORTH PhD Prof Weed Invest 3E P SYLWESTER PhD Prof Weed Invest

5HIDEO TACHIBANA PhD Collab Soybeam Dis 1Mrs LOIS H TIFFANY PhD Assoc Prof Mycol

5J R WALLIN PhD Collab Epidemiol 1J L WICKLIFF PhD Assoc Physiol

Dairy and Food Industry
123V H NIELSEN PhD Prof and Head of Dept

12J C AYRES PhD Prof Food Tech and Bact 1M P BAKER PhD Prof Dairy Bact

13R W BAUGHMAN MS Instr Dairy Indus

12E W BIRD PhD Prof Food Tech and Biochem

1W J CAULFIELD MS Assoc Prof Dairy Indus 2W S CLARK Jr PhD Asst Prof Dairy Bact

1E F GOSS MS Prof Dairy Indus

12E G HAMMOND PhD Assoc Prof Food Tech and Biochem

1J M HARPER PhD Asst Prof Food Engin

IC A IVERSON DSc Prof Dairy Indus

2A A KRAFT PhD Asst Prof Food Tech and Bact

3W S La GRANGE PhD Asst Prof Dairy Indus 12G W REINBOLD PhD Assoc Prof Dairy Bact

IW S ROSENBERGER BS Assoc Prof Dairy Indus

3A W RUDNICK BS Prof Dairy Indus 2H E SNYDER PhD Assoc Prof Food Tech and Biochem

12H W WALKER PhD Assoc Prof Food Tech and Bact 3E O WRIGHT MS Asst Prof Dairy Indus

Economics (Agr) and Sociology (Rural)

123K A FOX PhD Prof and Head of Dept 1APOSTOLOS CONDOS MS Assoc Finance (Iowa-Peru Contract)

13I W ARTHUR PhD Prof Farm Mgt

12A G BALL PhD Prof Farm Mat and Prod Econ

2J R BARNARD MS Assoc Mktg 5W W BAUDER PhD Collab Rural Sociol 23C P BAUMEL PhD Asst Prof Bus Mgt

123G M BEAL PhD Prof Cultural Diffusion

12R R BENEKE PhD Prof Farm Mgt and Prod Econ

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1M G BLASE PhD Asst Prof Land Econ (Iowa-Peru Contract)

3L J BODENSTEINER MS Asst Prof Dist Ext Econ

12J M BOHLEN PhD Prof Cultural Diffusion
1D W BROWN PhD Assoc Prof Prod Econ (Iowa-Peru Contract)

1R J BRUENE BS Instr Sociol

2L C CESAL MS Assoc Prod Econ

1F S CONKLIN MS Instr Farm Mgt
2J M CORMACK MS Assoc Land Econ

12P D DOAK MS Instr Mktg

12J A DOERFLINGER PhD Asst Prof Pop and Demog

3E W ELDRIDGE PhD Prof Public Affairs and Area Devlpmt

2R K EYVINDSON MS Assoc Prod Econ

12L B FLETCHER PhD Prof Mktg

2M C HALLBERG MS Assoc Dairy Mktg

128E O HEADY PhD Dist Prod Econ
3DJ HOBBS PhD Asst Prof Area and Comm Devlpmt
1H B HOWELL MS Prof Farm Mgt (Iowa-Peru Contract)

12S C JAMES PhD Asst Prof Farm Mgt and Prod Econ

12D R KALDOR PhD Prof Agr Policy 12W F KENKEL PhD Prof Fam Sociol

12P R KIMMEL PhD Asst Prof Fam Social 12R G KLIETSCH PhD Asst Prof Community 2G E KLONGLAN PhD Asst Prof Community

3LEE KOLMER PhD Prof Mktg

3L G KRAL BS Assoc Dist Ext Econ

234F A KUTISH MS Prof Outlook and Econ Inform 12G M LADD PhD Prof Durry and Poultry Mktg 12W R MAKI PhD Prof Livestock Mktg

3R C MAXON PhD Asst Prof Consumer Mktg
2L V MAYER MS Assoc Prod Econ

3C G MOGGED MS Assoc Dist Ext Econ 12W G MURRAY PhD Prof Agr Finance

3W E OGG PhD Prof Public Affairs

24A A PAULSEN PhD Assoc Prof Agr Policy 3E D PETERSEN MS Assoc Dist Ext Econ

2YAKIR PLESSNER MS 'Assoc Prod Econ

3R C POWERS PhD Asst Prof Area and Comm Devlpmt 25R L RIZEK PhD Coord Livestock Mktg

123FRANK ROBOTKA MS Prof Coop

2W E SAUPE MS Assoc Agr Policy

ID E SCHREINER MS Assoc Mktg (Iowa-Peru Contract)

12J T SCOTT PhD Prof Mktg

3680

12G S SHEPHERD PhD Prof Agr Policy

2H N SHOWMAN BS Assoc Agr Policy 3J M SKADBERG MS Assoc Livestock Mktg

3W H STACY PhD Assoc Prof Religious Inst

3E G STONEBERG MS Assoc Prof Farm Mgt

3J R STRAIN PhD Assoc Prof Dairy and Poultry Mktg 3R W THOMAS PhD Asst Prof Public Affairs

23S H THOMPSON PhD Prof (Emeritus) Livestock Mktg 1ERIK THORBECKE PhD Prof Macro-economics (Iowa-Peru Contract)

12J F TIMMONS PhD Prof Land Econ

3W J TURNER BS Assoc Dist Ext Econ

3J W UHRIG BS Assoc Outlook and Econ Inform 1R I VANDENDRIES MS Assoc Econ Policy (Iowa-Peru Contract)

2HYLKE VAN deWETERING MA Assoc Prod Econ

1J J WALLACE BS Prof Farm Mgt 2R D WARREN MS Assoc Sociological Methods

Education (Vocat Aar)

Uruguay Contract)

2J A MULLINS MS Assoc Power and Mach 2R P NICHOLSON BS Asst Prof Soil Mechanics and

2R A NORTON BS Assoc Crop Condition and Storage 1D B PALMER PhD Asst Prof Soil and Water 3J H PEDERSEN PhD Prof Farm Structures

25RL SCHAFER MS Collab Power and Mach
25J L SCHMIDT BS Collab Anal Statis
25J L STEELE BS Collab Crop Condition and Storage

2E P TAIGANIDES Water Pollution Control Sewage

25J M TROEGER BS Collab Crop Condition and Storage 3L D VAN FOSSEN MVEd Asst Prof Crop Condition

and Indus Waste Soil and Water

3N J WARDLE PhD Assoc Prof Farm Safety 3T L WILLRICH PhD Assoc Prof Soil and Water

and Storage

2A S ROGOWSKI MS Assoc Soil Mech and Engin

3700 Extension 2R J BRYAN PhD Prof and Head of Dept ADMINISTRATION 1D L BLAKE PhD Instr Agr Educ 123FLOYD ANDRE PhD Director 3M A ANDERSON PhD Assoc Dir IC E BUNDY MS Prof Agr Educ
IL L CARVER MS Prof Indus Educ
IJ W CASEY PhD Asst Prof Aud Vis Aids 3LOUISE M ROSENFELD BS Asst Dir 3M W SOULTS BS Asst Dir 3C J GAUGER MS State Leader, 4-H Club Work 3C E DONHOWE MS Assoc Prof Ext Program Asst IW E DIEDRICK MS Asst Prof Indus Educ THE DIEDRICK MS Asst Prof Indus Educ

HE DITTS PhD Asst Prof Teacher Placement

CF FABER PhD Asst Prof School Admin

CA HELLMER MS Instr Indus Educ

TA HIPPAKA PhD Prof Indus Educ 123R R BEAN Adm Asst 3H E WALTER BA Adm Asst STAFF SERVICES 3G E HOLMES MA Prof Educ 2T G HOWE PhD Asst Prof Statis 123J M ALEXANDER MS Asst Prof 3M V EXNER MA Prof Music 34E F GRAFF MS Prof 10 S KNUDSEN MA Asst Prof Film Prod 1V S LAGOMARCINO PhD Prof Teacher Educ 3R L LAWRENCE PhD Assoc Prof Staff 1W H LANCELOT EdD Prof Educ SUPERVISION 4J B McCLELLAND PhD Prof Agr Educ 1BARTON MORGAN PhD Prof Educ 3V M ANDERSON BS Dist Supvi 3MARIE BISHOP MS Ext 4-H Leader 1J M RICH PhD Asst Prof Philosophy 3MARY M BODWELL MA Dist Home Econ Supvr 3G E BOEHNKE MS Dist Supvr 3S V DAVIDSON MS Ext 4-H Leader ROBERT RIPLEY MA Asst Prof Guidance and Counseling 1T R ROBINSON MS Instr Stud Pers
1A M SHERICK MS Asst Prof Indus Educ
1M O WIENER MS Assoc Prof Indus Educ 3RAMONA L ESBECK MS Ext 4-H Leader 3H E GEIGER MS Ext 4-H Leader 3A T GOETTSCH MS Dist Supvr 3R D IVERSON BS Dist Supvr 3G A LINEWEAVER MS Ext 4-H Leader 3710 3G E PARSONS MS Ext 4-H Leader 3L M REID MVEd Dist Supvr Engineering (Agr) 123C W BOCKHOP PhD Prof Agr Engin and Head of Dept 25L B ALTMAN Jr PhD Assoc Prof Elec Power and 3Mrs MILDRED B RYAN BS Dist Home Econ Supvr 3Mrs GERTRUDE M SMITH BS Dist Home Econ Supvr 1W R ANDERSON MS Asst Prof Constr and Maint 3RUSSELL SWENSON MS Dist Supvr 3Mrs MILDRED WELLMAN MS Dist Home Econ Supvr 3ESTHER L WHETSTONE MS Ext 4-H Leader 3Mrs MARGARET YODER MS Dist Home Econ Supvr 1W F BEAR MS Instr Constr and Maint 12C E BEER PhD Asst Prof Soil and Water 12HOBART BERESFORD BS AE Prof Elec Power and 12W F BUCHELE PhD Prof Power and Mach 12L F CHARITY PhD Prof Elec Power and Proc 123C H STOLTENBERG PhD Prof and Head of Dept 1J C FRISBY MS Instr Constr and Maint 1DW BENSEND PhD Prof Wood Tech 12W R BENTLEY MF Instr For 12HENRY GIESE MS Prof Farm Structures
2CE GOERING MS Assoc Power and Mach
12T E HAZEN PhD Prof Farm Structures 5C F BEY MS Collab For 1J E DUFF MF Instr Wood Tech 2R E HERMANSON BS Assoc Soil and Water 5G G ERDMANN MS Collab For 1T A HOERNER BS Instr Constr and Maint
125W V HUKILL BS Prof Crop Condition and Storage 5R F FINN MS Assoc Prof 12G E GATHERUM PhD Assoc Prof Silvic 3J H GOTTSACKER MS Assoc For 3D O HULL MS Prof Power and Mach 12H P JOHNSON PhD Prof Soil and Water 12FS HOPKINS Jr PhD Assoc Prof For Econ 12F S HOPKINS IT PhD Assoc Prof I 1L F KELLOGG MF Prof For Mgt 1J A LARSEN PhD Assoc Prof For 5R E PHARES MF Collab For 1G W THOMSON PhD Prof For 25L W LARSON MS Collab Power and Mach 25L A LILJEDAHL MS Collab Power and Mach
25W G LOVELY BS Collab Power and Mach 2A R MANN BS Assoc Farm Structures 12DW MANGOLD MS Instrand Assoc Farm Structures 12K D WARE PhD Asst Prof For Mensuration 12S J MARLEY MS Instrand Assoc Power and Mach 3VM MEYER MS Asst Prof Elec Power and Proc 1V J MORFORD MS Prof Constrand Maint (Iowa-3740 Genetics

12J G O'MARA PhD Prof and Chmn of Dept 12JW GOWEN PhD Prof Anim Genet 12DL HARRIS PhD Asst Prof Populations Studies

12W F HOLLANDER PhD Prof Anim Genet

12W J MILLER PhD Assoc Prof Anim Genet
12P A PETERSON PhD Assoc Prof Plant Genet
12D S ROBERTSON PhD Prof Plant Genet

5KIYOSHI SADANAGA PhD Assoc Prof Plant Genet 2JANICE STADLER PhD Asst Prof Anim Genet

12P E THOMPSON PhD Assoc Prof Anim Genet

3F W ROTH MS Assoc Prof Farm Structures 12P E THOMPS
1DM RUWE MS Instr Power and Mech
25R A SAUL MS Assoc Prof Crop Condition and Storage Home Economics

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1JULIA M FALTINSON MS Asst Dean of Home Econ 12Mrs ERCEL S EPPRIGHT PhD Asst Dean of Home Econ and Asst Dir of Agr and Home Econ Expt Sta

124ELIZABETH BEVERIDGE MS Prof and Head of Household Equip

12WILMA BREWER PhD Prof and Head of Food and Nutr 12MAJORIE GARFIELD MFA Prof and Head of Applied Art

12G R HAWKES PhD Prof and Head of Child Devlpmt

51

Home Economics-Continued

12LYDIA INMAN PhD Assoc Prof and Chmn of Household Equip

12MARGARET I LISTON PhD Prof and Head of Home

12MARJORIE McKINLEY PhD Prof and Head of Inst Mgt 12MARGUERITE SCRUGGS PhD Prof and Head of Home

12MARGARET WARNING PhD Prof and Head of Textiles and Clothing

12LOTTE ARNRICH PhD Prof Food and Nutr 12T M BROOKS PhD Asst Prof Home Mgt
3Mrs JUNE C BROWN BS Asst Prof Applied Art
12FRANCES CARLIN PhD Prof Food and Nutr

12HESTER CHADDERDON PhD Prof Home Econ Educ 2Mrs NORMA R FROHBERG MS Assoc Food and Nutr

12PILAR GARCIA PhD Assoc Prof Food and Nutr

12DB GARDNER PhD Prof Child Devlpmt
3JEWEL B GRAHAM MS Assoc Prof Food and Nutr
2Mrs VIRGINIA N HILLERS MS Assoc Food and Nutr
13Mrs MAXINE A HINTON PhD Asst Prof Food and Nutr
12MARY A KENNEY PhD Asst Prof Food and Nutr

12ELEANORE KOHLMANN PhD Assoc Prof Home Econ

3Mrs BARBARA KREUTZ MS Asst Prof Text and

3EMELDA KUNAU BS Asst Prof Applied Art 12MARY S LYLE PhD Prof Home Econ Educ 3R A MAHAN MS Asst Prof Child Devlpmt

2EVELYN MAR MS Assoc Food and Nutr 3PHYLLIS OLSON MS Assoc Prof Food and Nutr 12DAMARIS PEASE PhD Prof Child Devlpmt

12Mrs MARY S PICKETT PhD Asst Prof Household Equip

230PAL M ROBERSON MA Assoc Prof Textiles and

124CHARLOTTE RODERUCK PhD Prof Food and Nutr 2IRENE ROLAND MS Assoc Food and Nutr 2JANE A RAYMOND MS Assoc Food and Nutr 3NAOMI D SHANK BS Assoc Prof Household Equip 3SHIRLEY J SMITH MS Asst Prof Textiles and Clothing

2PEARL SWANSON PhD Prof Food and Nutr 12Mrs NANCY TOLMAN PhD Asst Prof Food and Nutr 3Mrs MARCENA C VER PLOEG BS Assoc Home Mgt 12MARION A WHARTON PhD Assoc Prof Food and Nutr

12GEITEL WINAKOR PhD Assoc Prof Textiles and Clothing

Horticulture 3760

123J P MAHLSTEDE PhD Prof and Head of Dept 12G J BUCK PhD Assoc Prof Flor 3A E COTT MS Prof Fruit Crops and Turf

12E L DENISEN PhD Assoc Prof Fruit Crops

23CC DOLL MS Asst Prof (PO Council Bluffs) Fruit Crops

1W E FLETCHER MS Instr Flor

1HE NICHOLS MS Prof Fruit Crops
12L C PEIRCE PhD Assoc Prof Veg Crops
23L E PETERSON BS Asst Prof (PO Fruitland) Veg Crops

12B S PICKETT MS Prof Fruit Crops

IF D RAUCH MS Instr Fruit Crops

12E C ROBERTS PhD Assoc Prof Turf 23C H SHERWOOD PhD Asst Prof Flor

3B F VANCE BS Assoc Prof Ornamentals and Veg Crops

1E C VOLZ MS Prof Flor

12J L WEIGLE PhD Asst Prof Hort Veg Crops

Information Service 3770

23N E DISQUE Assoc Prof and Acting Dir

3D M BANNISTER BS Assoc Prof and Asst Ext Ed

3C L BENN Assoc and Ext Photog

3A N BESSESEN BS Assoc and Asst Ext Ed

Information Service-Continued

3R O BURCHAM BS Assoc and Asst Mkt News Ed (Radio and TV)

23MARION E DWELLE BS Asst Prof and Asst Ext Ed

2L A FACTO MS Asst Prof and Sta Photog
3Mrs VIRGINIA GEE BA Assoc and Asst Ext Ed
23Mrs CAROL GREINER BS Assoc and Asst Pub Ed

3E O HAROLDSEN MS Asst Prof and Ed Cent for Agr and Econ Devlpmt

3LOUISE A HAUG BA Pub Asst

23J F HEER MS Assoc Prof and Exp Sta Pub Ed

23J C HERMAN MS Assoc and Asst Ext Ed

3W C HINDE BS Assoc and Asst Ext Ed (Radio and TV) 3PATRICIA A HUBBS BS Assoc and Asst Ext Ed

3H L KOOSER BS Assoc and Asst Ext Ed WOI 3Mrs JANET MA CY MS Assoc and Asst Ext Ed (WOI

3D V McGINNIS BS Asst Prof and Asst Ext Ed (Radio and TV)

3D L NELSON MS Assoc and Asst Ext Ed 3R L ROGERS BS Assoc and Asst Ext Ed 23R L SCOTT Assoc and Staff Artist

23C M SIMON BS Assoc Prof and Mgr Publ

3L E THOMPSON BS Asst Prof and Assoc Ext Ed and Ed, Farm Sci

3Mrs ELEANOR S WILKINS BS Asst Prof and Women's

3D R WILLIAMS BS Assoc Prof and Asst Ext Ed (Radio and TV)

Journalism (Tech)

ICARL HAMILTON BS Prof and Head of Dept

1BERNICE BURNS MS Assoc Prof Home Econ 1R A CAMPBELL MS Instr Typography

1D F COOK BS Instr Motion Pictures
1R L DISNEY BS Asst Prof Writing

1J T EMMERSON MS Instr Tech Journalism

IR P FASSEL MS Instr Ed Journalism
IR C JOHNSON MS Prof Tech Journalism
IR C JOHNSON MS Instr Photog
IW F KUNERTH MS Asst Prof Reporting and

Advertising 14K R MARVIN MS Prof Tech Journalism

1J W MILLDYKE AB Instr Radio and TV
1J W SCHWARTZ MS Prof Tech Journalism

1J B THOMAS MS Instr Pub

1D W WELLS MS Asst Prof Journalism Res

Landscape Architecture

3790

3780

1T A BARTON MLA Prof and Chmn of Landse Arch 1R W DYAS MLA Asst Prof Landsc Arch

1J R FITZSIMMONS MLA Professor Urban Planning

IP C KILLAM MLA Instr Urban Planning

1K F LANE MLA Asst Prof Landsc Arch

3B A PARKS BS Asst Prof Community Planning and Devlpmt

3MARGHERITA TARR BS Assoc Prof Landsc Arch

Poultry Science

3800

123R H FORSYTHE PhD Prof and Head of Dept

12S L BALLOUN PhD Prof Nutr
3L Z EGGLETON MS Prof Ext Mktg

12M F FESTING MS Assoc Genet
3C D LEE DVM MS Prof Vet Med-Poultry Path
12W W MARION PhD Asst Prof Food Tech

1R B MCHOSE BS Assoc Husb Spec (Iowa-Uruguay contract)

12D L MILLER Assoc Nutr

12A W NORDSKOG PhD Prof Genet 3W J ROSS BS Assoc Turkey Ext

12L W SCHIERMAN PhD Assoc Genet 3P R WALTHER MS Assoc Ext Poultry Mgt Statistics

12T A BANCROFT PhD Prof and Head of Dept Anal Statis, Estim and Testing, Theory of Statis in-

12FOSTER CADY PhD Asst Prof Anal Statis, Design and Anal, Estim and Testing

12WAYNE FULLER PhD Assoc Prof Anal Statis, Estim and Testing, Sampling

12DALE GROSVENOR PhD Asst Prof Digital Computers,

Survey Methods

12DEWEY HARRIS PhD Asst Prof Genet, Pop Studies, Time Series Anal

12DONALD HOTCHKISS PhD Asst Prof Anal Statis, Design and Anal, Estim and Testing

120SCAR KEMPTHORNE ScD Prof Design and Anal, Theory of Statis Inference, Pop Studies

123N V STRAND MS Prof Anal Statis, Sampling, Survey Methods

Veterinary Medicine 3820

1G C CHRISTENSEN DVM PhD Deam of Vet Med (Tel 515/231-2946)

1D L BAKER DVM Acting Head Dept of Vet Med and Sura

IP C BENNETT DVM MS Prof Path and Supvr of Diagnostic Lab

1M A EMMERSON DVM Dr Med Vet Acting Director of Clinics and Prof and Head of Obstet and Radiol IROBERT GETTY DVM PhD Prof and Head of Anat

3J B HERRICK DVM MS Prof Vet Obstet 2M S HOFSTAD DVM PhD Prof Vet Hyg

3C D LEE DVM MS Prof Vet Hyg

3C D LEE DVM MS Froi ver Hyg
II A MERCHANT DVM PhD Prof of Vet Hyg
IR A PACKER DVM PhD Prof and Head of Vet Hyg
IF K RAMSEY DVM PhD Prof and Head of Path

3M L SPEAR DVM Prof Vet Med and Surg

1M J SWENSON DVM PhD Prof and Head of Vet Physiol and Pharmacol

2W P SWITZER DVM PhD Prof of Vet Hyg

Zoology and Entomology
1230 E TAUBER PhD Prof and Chmn of Dept

25T A BRINDLEY PhD Prof Ent 1B W BUTTREY PhD Prof Zool

12I M CAMPBELL PhD Assoc Prof Ent 12K D CARLANDER PhD Prof Wildlife

12P A DAHM PhD Prof Ent
1D R GRIFFITH Asst Prof Zool
3H L GUNDERSON PhD Prof Ent

23A O HAUGEN PhD Prof Wildlife

23A O HAUGEN PhD Prof Wildlife
12E T HIBBS PhD Prof Ent
1E A HICKS PhD Prof Zool
1H H KNIGHT PhD Prof Ent
1K L KNIGHT PhD Assoc Prof Ent
1J L LAFFOON PhD Prof Ent
3R B MOORMAN PhD Assoc Prof Wildlife
1J A MUTCHMOR PhD Asst Prof Zool
3F B PADDOCK MS Prof (Emeritus) Ent
5G R PESHO MS Collab Ent

5G R PESHO MS Collab Ent

12D C PETERS PhD Assoc Prof Ent

15E S RAUN PhD Assoc Prof Ent 5A L SPARKS MS Collab Ent

3H J STOCKDALE MS Ext Ent

1M J ULMER PhD Prof Zool and Ent 12M W WELLER PhD Assoc Prof Wildlife

KANSAS

Kansas State University of Agriculture and Applied Science and the Agricultural Experiment Station, Manhattan 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

3840

.3830

1J A McCAIN EdD LLD Pres 1A L PUGSLEY Vice Pres

1WILLIAM BEVAN Vice Pres for Academic Affairs 1G H BECK PhD Deam of Agr

(Tel Jefferson 9-2211 Ext 281)

12C P WILSON PhD Dir Agr Expt Sta and Assoc Dean of Agr (Tel Jefferson 9-2211 Ext 281)

3H E JONES PhD Dir of Ext (Tel Jefferson 9-2211 Ext 237)

1D C ACKER PhD Dir Res Instr Col of Agr and Assoc Dean of Agr (Tel Jefferson 9-2211 Ext 253)

12D D BEATTY Bus Mgr

13R A BOHANNON PhD Asst to the Dean of Agr 12G R DODGE BS CPA Asst Prof and Admin Asst 3P W GRIFFITH PhD Assoc Dir of Ext 3W E RINGLER PhD Ext Asst Dir

3M E STARK BS CPA Ext Instr and Admin Asst

Agronomy 3850 1234R V OLSON PhD Head of Dept

12K L ANDERSON PhD Prof Pasture Mgt
12L E ANDERSON PhD Assoc Prof Weed Control

25C H ATKINSON MS Assoc Prof Soil Surv

(PO Concordia)

2M C AXELTON BS Instr in Chg of Southwest Expt Field (PO Minneola)

3J V BAIRD PhD Assoc Prof Crops and Soils

33 V BARNETH PhD Assoc Prof Gross Brdr 12F L BARNETT PhD Assoc Prof Grass Brdr 12O W BIDWELL PhD Prof Soil Surv 3F G BIEBERLY MS Prof Crops and Soils

25S A BOWERS MS Res Asst Soil Phys
2J E BRAUM BS Asst Prof in Chg of East-Central Expt Field (PO Ottawa)

25Å J CASADY PhD Asst Prof Sorghum Brdr

3E A CLEAVINGER BS Prof Crops and Soils

2J E CONGROVE MS Instr in Chg of North Central Expt Fields (PO Belleville)

2F E DAVIDSON MS Prof in Chg of Newton Expt Field (PO Newton)

3D H EDELBLUTE BS Asst Prof Crops and Soils (PO Garden City)

12ROSCOE ELLIS Jr PhD Prof Soil Chem

W L FOWLER MS Asst Prof (Kans Crop Impr Assoc)
3H B HARPER MS Asst Prof Soil Conserv
12E G HEYNE PhD Prof Small Grain Brdr

12J A HOBBS PhD Prof Soil Mgt
2H R HURST MS Res Asst Weed Control
12H S JACOBS PhD Assoc Prof Soil Chem

3R C LIND BS Prof Soil Conserv
25J R LOFGREN MS Res Asst Small Grain Brdr

2M C LUNDQUIST MS Instr in Chg of Sandyland Expt Field (PO St John)

12E L MADER PhD Assoc Prof Farm Crops

2G D MASSEY MS Res Asst Pasture Mgt
2W A MOORE BS Asst Prof in Chg of South-Central
Expt Field (PO Hutchinson) 2C B OVERLEY BS Asst Prof Foundation Seeds

12A W PAULI PhD Assoc Prof Crop Phys

2V H PETERSON MS Asst Prof in Chg of Columbus-Thayer Expt Field (PO Columbus)

12T H PITTENGER PhD Prof Genet

2R J RANEY MS Instr Irrig Expt Field (PO Scandia)
25E L SKIDMORE PhD Asst Prof Water Erosion

2R F SLOAN MS Asst Prof in Chg of Cornbelt Expt

Field (PO Powhattan)

12F W SMITH PhD Prof Soil Fert
25R M SMITH PhD Asst Prof Water Erosion
25E L SORENSEN PhD Asst Prof Alfalfa Brdr
12F C STICKLER PhD Assoc Prof Crop Prod

2C W SWALLOW MS Instr Farm Supt

2C W SWALLOW MS Instr Form Supt
2M A URICH MS Res Asst (Kans Crop Impr Assoc)
2T L WALTER MS Asst Prof Variety Testing
12C E WASSOM PhD Assoc Prof Corn Brdr
13H D WILKINS MS Instr Crops and Soils
12L V WITHEE PhD Asst Prof Soils
2F J WOODING BS Res Asst Soil Fert

25N P WOODRUFF MS Asst Prof Erosion Res Lab

23G W WRIGHT MS Asst Prof Soil Testing

Animal Husbandry	3860	Dairy Science-Continued
12R F COX PhD Head of Dept		3E P CALL MS Ext Instr Dairy Sci
12F W BOREN Asst Prof Beef Cattle Res		12T J CLAYDON PhD Assoc Prof Dairy Mfg
12L L DUNN BS Res Asst Beef Cattle Invest		12E L FARMER PhD Asst Prof Dairy Prod
12R C FLETCHER MS Instr Meat Sci 12D L GOOD PhD Prof Purebred Beef Cattle		12K A HUSTON PhD Prof Dairy Prod
12B A KOCH PhD Assoc Prof Swine Res		124G B MARION PhD Prof Dairy Prod 12W H MARTIN MS Prof in Chg of Dairy Mfg
12D H KROPF PhD Assoc Prof Meat Invest		124ROSS MICKELSEN MS Asst Prof Dairy Mfg
12DOYNE LENHART BS Res Asst Sheep Invest		12J L MORRILL PhD Instr Dairy Sci Dairy Prod
3V E McADAMS MS Ext Asst Prof Livestock		12H A ROBERTS BS Instr Dairy Mfg
12MILES McKEE MS Instr Beef Cattle Invest		12G M WARD PhD Assoc Prof Dairy Prod
12D L MACKINTOSH MS Prof Meat Spec 12C S MENZIES PhD Asst Prof Sheep Res		
3W A MOYER MS Ext Prof Livestock		Economics and Sociology 3920
12DRAYTFORD RICHARDSON PhD Prof Anim Nut.	г	12J A NORDIN PhD Head of Dept 12E S BAGLEY PhD Prof Econ Water Econ
12E F SMITH PhD Prof Grass Util	•	3Q D BANKS PhD Asst Prof Agr Econ Ext Outlook
12W H SMITH MS Asst Prof Anim Brdg		3C E BARTLETT BS Assoc Agr Econ Ext Form Mgt
12H G SPIES PhD Asst Prof Anim Genet		(PO Clay Center)
12L J THEURER BS Instr Beef Cattle 12W S TSIEN PhD Asst Prof Anim Nutr		3R J BEVINS PhD Assoc Prof Agr Econ Ext Public
3P D WEINER BS Instr Meat Sci		Affairs
3H W WESTMEYER BS Instr Livestock		120 H BULLER MS Asst Prof Agr Econ Farm Mgt
12J D WHEAT PhD Assoc Prof Anim Genet		23J H COOLIDGE MS Prof Agr Econ Ext Farm Mgt 3R L COPPERSMITH PhD Prof Agr Econ Ext Live-
3K O ZOELLNER PhD Asst Prof Livestock		stock Mkt
B		12R E DAKIN PhD Assoc Prof Social Area Devlpmt
Bacteriology 12K J McMAHON PhD Actg Head of Dept	3870	3L P FRAZIER MS Asst Prof Agr Econ Ext Area
124A F BORG* PhD Head of Dept		Devlpmt
12R A CONSIGLI PhD Asst Prof Bact Anim Virol		3H W FREDERICK BS Assoc Agr Econ Ext Form Mgt
9ABRAHM EISENSTARK PhD Prof Bact Virol		(PO Hutchinson)
12L E ERWIN PhD Assoc Prof Bact Poultry Bact		12R W GIESEMAN PhD Asst Prof Agr Econ Mktg 3L S GREENE BS Assoc Agr Econ Ext Mgt
12L R FINA PhD Assoc Prof Bact Ruminent Bact		(PO Concordia)
12V D FOLTZ MS Prof Bact Dairy Bact		3H P GRONEWOLLER BS Assoc Agr Econ Ext Form
12J O HARRIS PhD Prof Bact Soil Bact 12T H LORD PhD Prof Bact Farm Water Supply		Mgt (PO Colby)
12W A MILLER PhD Assoc Prof Bact Food Bact		124J A HODGES PhD Prof Agr Econ Farm Mgt
Total Control of the		12L M HOOVER PhD Prof Agr Econ Farm Mgt
*On Leave		3M E JACKSON MS Asst Prof Agr Econ Ext Poultry Mktg
Pro London		12P L KELLEY PhD Prof Agr Econ Mktg
Biochemistry	3880	12D A KNIGHT PhD Assoc Prof Agr Econ Form Mgt
12H L MITCHELL PhD Head of Dept and Prof Plan Chem	ıt	3J W KNOX MS Instr Agr Econ Ext Area Devlpmt
12R K BURKHARD PhD Assoc Prof Protein Chem		12J W KOUDELE PhD Assoc Prof Agr Econ Poultry
12R E CLEGG PhD Prof Proteins and Enzyme Cher	n	Mktg
12B A CUNNINGHAM PhD Asst Prof Enzyme Chem		3E L McCLELLAND BS Assoc Agr Econ Ext Farm Mgt (PO Colby)
2A M LATSCHAR BS Res Asst Anal Lab	,	12J H McCoy PhD Prof Agr Econ Livestock Mktg
12PHILIP NORDIN PhD Assoc Prof Carbohydrate a Enzyme Chem	nd	3H J McDONALD MS Asst Prof Agr Econ Ext Mktg
12D B PARRISH PhD Prof Nutr Chem		2R D McKINNEY MPA ' Asst Prof Agr Econ Area
2A T PERKINS PhD Prof Soil Invest in Chg of And	al	Devlpmt
Lab		3K L McREYNOLDS MS Asst Prof Agr Econ Ext Dist
2S N ROGERS BS Res Asst Anal Lab		Farm Mgt Spec (PO Hutchinson) 12M L MANUEL PhD Prof Agr Econ Mktg and Coops
12W S RULIFFSON PhD Assoc Prof Drug and Toxic	:	3E T MEANS MS Assoc Agr Econ Form Mot
Cmpd Absorp and Metab		(PO Everest)
Botany	3890	12GEORGE MONTGOMERY PhD Prof Agr Econ Agr
12S M PADY PhD Head of Dept		Policy
12L C ANDERSON PhD Asst Prof Bot Anat		3W G MULLEN BS Assoc Agr Econ Ext Farm Mgt (PO Frie)
12T M BARKLEY PhD Asst Prof Taxon Curator		25C W NAUHEIM MS Agr Econ Prod Econ
12J C FRAZIER PhD Prof Plant Physiol 12J A GOSS PhD Asst Prof Plant Physiol		12FRANK ORAZEM PhD Assoc Prof Agr Econ Prod
12L C HULBERT PhD Asst Prof Ecol		Econ
12C L KRAMER PhD Asst Prof Mycol		12M L OTTO MS Assoc Prof Agr Econ Agr Credit and
12ELIZABETH U McCRACKEN PhD Assoc Prof		Finance
Cytogenet		3FRANK OVERLY MS Asst Prof Agr Econ Ext Dist Farm Mgt Spec (PO Colby)
Chemistry 1A H DAANE PhD Head of Dept	3900	3L C PARKER BS Assoc Agr Econ Ext Form Mgt
12H C MOSER PhD Assoc Prof Radio Chem		(PO Womego)
12W G SCHRENK PhD Prof Phys Chem		12W H PINE PhD Prof Agr Econ Land Econ
*		2C E REED MS Instr Agr Econ Grain Mktg
Dairy Science	3910	12W C ROHRER PhD Assoc Prof Social Area Devlpmt
12C L NORTON PhD Head of Dept		3EUGENE ROSS MS Asst Prof Agr Econ Ext Area
12C A ARMSTRONG BS Instr Dairy Impr 12E E BARTLEY PhD Prof Dairy Prod		Devlpmt 3J R SCHLENDER MS Asst Prof Agr Econ Ext Dist
12RICHARD BASSETTE PhD Asst Prof Dairy Mfg		Farm Mgt Spec (PO Garden City)
3E R BONEWITZ MS Ext Assoc Prof Dairy Sci		12L W SCHRUBEN PhD Prof Agr Econ Grain Mktg
		12J B SJO PhD Assoc Prof Agr Econ Form Mgt

Economics and Sociology-Continued

3J F SMERCHECK BS Assoc Agr Econ Ext Farm Mgt (PO Greensburg)

3P E SMYTHE MS Asst Prof Agr Econ Ext Area Devlpmt (PO Concordia)

12L O SORENSON PhD Asst Prof Agr Econ Transportation and Mktg

3W B THOMAS MS Asst Prof Agr Econ Ext Dist Form Mgt Spec

3D D TRAYER BS Assoc Agr Econ Ext Farm Mgt (PO Garden City)

3J L TREAT MA Asst Prof Agr Econ Ext Dist Spec Farm Mgt (PO Iola)

3S E TRIEB MS Asst Prof Agr Econ Ext Mktg Retailing

3MILDRED WALKER MS Asst Prof Agr Econ Ext Mktg Consum Econ

23N V WHITEHAIR MS Asst Dept Head for Ext and Prof Agr Econ Ext Mktg

3R H WILKOWSKE PhD Assoc Prof Agr Econ Ext Dairy

Education (Aar)

3930

1R J AGAN EdD Prof Head of Teacher Educ 1H R BRADLEY MS Assoc Prof Agr Educ

1F R CARPENTER MS Asst Dean Asst Prof Agr Educ

IL F HALL MS Assoc Prof Agr Educ IC O JACOBS Asst Prof Farm Mech

1PN STEVENSON Assoc Prof Farm Mech

Engineering (Agr)

3940

12G H LARSON PhD Head of Dept

25H H CONVERSE MS Agr Engin Off Farm Conditioning 12G E FAIRBANKS MS Prof Farm Mach

3L W FITZGERALD MS Ext Instr Agr Area Engin

12J W FUNK MS Asst Prof Soil Conserv

25A H GRAVES BS Indus Engin Off Farm Grain Handling
3R L HERPICH MS Ext Assoc Prof Irrig Engin
12T O HODGES PhD Prof Farm Structures

25G L KLINE MS Agr Engin Off Farm Conditioning Handling and Storage of Grain

12R I LIPPER MS Assoc Prof Rural Electrification
2H L MANGES MS Asst Prof Irrig
2R L MENSCH MS Instr Farm Structures

3D L MILLES MS Asst Prof Ext Irrig Engin 25G R MOWRY BS Agr Engin Elec Environmental Sect 2F N REECE MS Asst Prof Farm Mach

2K E ROBERTSON MS Instr Rural Elec 3D E SCHINDLER MS Ext Instr Arch

3W E SELBY MS Ext Asst Prof Agr Engin

3H E STOVER BS Ext Prof Agr Engin

3J A TRUE MS Ext Asst Prof Agr Engin
3L T WENDLING MS Ext Assoc Prof Agr Engin

Engineering (Chem)

3950

12W H HONSTEAD PhD Head of Dept

12H T BATES PhD Prof

12R C HALL MS Asst Prof

3960

Entomology
12HERBERT KNUTSON PhD Head of Dept

12C C BURKHARDT MS Asst Prof Field Crop Insects

2L J DePEW MS Asst Prof Insects in Southwestern Kans (PO Garden City)

2A E R DOWNE PhD Asst Prof Med and Vet Insects
12R J ELZINGA PhD Asst Prof Med Insects
2E L ESHBAUGH MS Asst Prof Veg Fruit Insects (PO

Wathena)

3D E GATES MS Ext Asst Prof

2T L HARVEY PhD Asst Prof Insects in North Central and Nortwest Kans (PO Hays)

12T L HOPKINS PhD Assoc Prof Physiol Toxicol

12N M KAUFFELD MS Instr Apic Pollination

12R B MILLS PhD Asst Prof Stored-Prods Insects

Entomology-Continued

12R H PAINTER PhD LLD Prof Host Plant Resistance

5LEROY PETERS MS Surv (State Board of Agr)

12C W PITTS MS Instr Livestock Insects
12C W RETTENMEYER PhD Asst Prof Insect Behavior

12C C ROAN PhD Prof Physiol Toxical Pesticidal Residues

5H W SOMSEN MS Collab Wheat Streak-Mosaic Vectors Hessian Fly

12H E THOMPSON PhD Assoc Prof Tree Ornam Insects

12D A WILBUR AM Prof Stored Prods Insects

Extension Adminstration

3970

34W G AMSTEIN MS Ext Prof and State Leader Ag Spec 3J D APEL MA Ext Asst Prof and 4-H Club Spec 3MARIELLEN JONES BS Ext Instr Asst to State Leader

Home Econ

3MAE BAIRD MA Ext Prof and State Leader Home Econ 3C T BATES MS Ext Asst Prof and 4-H Club Spec

3E W BLANKENHAGEN BS Ext Asst Prof and Dist Agr

34G M BUSSET MS Ext Assoc Prof and Assoc St Club Leader

3L J COX MS Ext Asst Prof and Dist Agr Agt

3D D DICKEN MS Asst Prof Area Ext Agron (PO

3ANNABELLE J DICKINSON MS Ext Asst Prof and Actg Assoc State Leader Home Econ

34ISABEL N DODRILL MA Ext Asst Prof and Dist Home Econ Agt

3CECIL EYESTONE MS Ext Asst Prof and Asst State Club Ldr

3J M FERGUSON BS Ext Prof and State Leader of Ext Engin and Acta State Leader of Agr Spec

3F A HAGANS BS Ext Assoc Prof and Dist Agr Agt

3J B HANNA MS Ext Assoc Prof and 4-H Club Spec 3H MARIE HENDERSHOT MS Ext Asst Prof and Dist Home Econ Agt

3ARLISS E HONSTEAD MS Ext Asst Prof and 4-H Club Spec

3R M HOSS BS Ext Asst Prof Dist Agr Agt

3R F KING Jr MS Ext Assoc Prof and Dist Agr Agr 3MARGARET A KOENIG MS Ext Prof and Assoc St

Leader Home Econ

3VELMA M McGAUGH MS Ext Asst Prof Dist Home

30 W NORBY PhD Ext Prof State Leader of Field Oper 3R E REGNIER MS Ext Prof and State Club Leader

3Mrs KATHRYN E SUGHRUE MS Ext Asst Prof Dist

Home Econ Agt

13K E THOMAS PhD Ext Prof Head of Inform
3R B TOMKINSON MS Ext Asst Prof and 4-H Club Spec
3CURTIS TRENT PhD Assoc Prof Ext Coord Pers

3E D WARNER BS Prof Assoc State Leader of Inform and Ext Ed

3RUTH I WELLS MS Ext Asst Prof and Dist Home Econ

EXTENSION CONTINUING EDUCATION

3R J VERHALLEN PhD Ext Head Cont Educ 3J W BOETTCHER BS Asst Instr Civ Defense Training

3C A BOOTON MS Asst Prof Govt Coordinator of Eve-ning Col and Ext Classes

3L E BOWMAKER BS Instr Civ Defense Training

3R L DAVISON MS Asst Prof Adult Educ and Coordinator Com Spec Serv

3C R FERGUSON PhD Asst Prof and Coordinator Home

3R L GORTON MS Instr Engin and Math Home Study
3E N HAROLD MA Asst Prof Civ Defense Training
3J E Kitchens MA Assoc Prof Conf and Insts

3J J McCULLICK MS Instr Econ and Soc

3M B MILLER MS Asst Prof Agr Conf and Insts

Extension Administration-Continued

3Mrs LUCILLE E MORDY MS Asst Prof Educ Home Study

3L L SHERMAN MS Ext Instr Music EXTENSION RADIO AND TELEVISION:

3J M BURKE MS Ext Assoc Prof Radio and TV

13FRANCIS E JONES MS Asst Prof Ext Spec in Radio and TV

3H T HILL Jr MA Asst Prof Ext Spec in Radio and TV 3L D KUEHN BS Ext Instr Ext Tv Prod

3Mrs BETTY L NORRIS BA Ext Instr Ext Spec in Radio and TV

3D M SPRINGER BS Ext Instr Ext TV Prod

3R S TITUS BS Ext Instr Ext Spec in Radio and TV

Flour and Feed Milling Industries

12J A SHELLENBERGER PhD Head of Dept 12CHENG-CHIN CHOU MS Agr Res Asst Milling Indus Cereal Chem

12C W DEYOE PhD Assoc Prof Milling Indus Feed Technol

12E P FARRELL MS Assoc Prof Milling Indus Milling Technol

125K F FINNEY MS Prof Milling Indus Hard Winter Wheat Reg Lab

12J R FLEMING MS Res Assoc Milling Indus Cereal Chem 5A J GEHRT Admin Aid (ARS)

12MASAYUKI IKEMIYA PhD Agr Res Assoc Milling Indus Cereal Chem

12J A JOHNSON PhD Prof Milling Indus Milling and

12MAJEL M MACMASTERS PhD Prof Milling Indus Cereal Chem

12DONALD MILLER BS Instr Milling Indus Milling and Baking

12G D MILLER MS Asst Prof Milling Indus Cereal Chem 12H B PFOST PhD Milling Indus Feed Technol

125YESHAJAHU POMERANZ PhD Assoc Prof Milling Indus Hard Winter Wheat Reg Lab

12R J ROBINSON PhD Res Assoc Milling Indus Cereal Chen

3R W SCHOEFF PhD Prof Spec in Util of Formula Feeds

3C A STEVENS JR MS Instr Spec in Util of Formula

12A B WARD MS Assoc Prof Milling Indus Milling Technol

Home Economics

12Mrs DORETTA S HOFFMAN PhD Dean of Col and Dir of Home Econ Res (Tel JE 9-2211 Ext 257)

12RUTH HOEFLIN PhD Assoc Deam of Col

Assoc Food Econ

12JESSIE A WARDEN PhD Head of Dept of Clothing and Textiles

12MARJORIE M STITH PnD Head of Dept of Fam and Child Devlpmt

12R L D MORSE PhD Head of Dept of Fam Econ and Fam Econ

12GWENDOLYN L TINKLIN MS Actg Head of Dept of Foods and Nutr and Assoc Food Econ

12Mrs GRACE M SHUGART MS Head of Dept of Inst Mgt and Inst Mgt Econ

12A TESSIE AGAN MS Assoc Prof Fam Econ and Assoc

Fam Econ 12E BETH ALSUP PhD Assoc Prof Foods and Nutr and

3Mrs ELINOR ANDERSON MS Ext Asst Prof Home Mgt 3Mrs PATTY J ANNIS MS Asst Prof of Fam Econ and

Assoc Fam Econ 3DAISY E ATKINSON MS Ext Asst Prof Foods and Nutr 12Mrs BETTY L BORNEMEIER PhD Assoc Prof Clothing

and Textiles and Assoc Textile Econ 3Mrs VIVIAN B BRIGGS MS Ext Asst Prof Fam Life 3MARTHA E BRILL RN BS Ext Asst Prof Health

12ESTHER M CORMANY MS Assoc Prof Clothing and Textiles and Assoc Textile Econ

12NINA EDELBLUTE PhD Assoc Prof Inst Mgt and Assoc Inst Mgt Econ

Home Economics-Continued

3VERA M ELLITHORPE MS Ext Assoc Prof Home Mgt 12GRAYCE E GOERTZ PhD Prof Foods and Nutr and Food Econ

12DOROTHY L HARRISON PhD Prof Foods and Nutr and Assoc Food Econ

12Mrs MARJORIE M HEMPHILL MS Asst Prof Inst Mgt and Asst Inst Mgt Econ 12MERCEDES L HUNSADER PhD Assoc Prof Foods and

Nutr and Assoc Food Econ

3NAOMI M JOHNSON MS Ext Assoc Prof Clothing and Textiles 12Mrs LEONE B KELL MS Prof Fam and Child Devlomt

and Fam and Child Devlpmt Econ 12Mrs RAMONA H MIDDLETON MS Instr Inst Mgt and

Asst Inst Mgt Econ

3E L MILLER MS Ext Asst Prof Foods and Nutr 3INEZ PASS MS Ext Asst Prof Foods and Nutr

3Mrs DOROTHY H NEUFELD BS Ext Instr Home Mgt 3Mrs ETHEL W SELF MS Ext Assoc Prof Home Mgt

3Mrs WINONA M STARKEY MS Ext Asst Prof Home Furnishings

3MILDRED L WALKER MS Ext Asst Prof Consum Educ 3M CHRISTINE WIGGINS MA Ext Assoc Prof Clothing and Textiles

Horticulture and Landscape Architecture 12R P EALY PhD Head of Dept

4000

2ERWIN ABMEYER BS Asst Prof in Chg of Northeast Kans Expt Field (PO Wathena)

34W G AMSTEIN MS Prof Ext Hort (Int Agr Prog India) 3C R BISWELL BA Instr Ext Dist For (PO Columbus)

12R W CAMPBELL PhD Prof Pomol 12W J CARPENTER JR PhD Assoc Prof Flor

12CW DERTING MS Instr Ornam Hort

3H G GALLAHER MS Assoc Prof Ext State For

3L K GOULD BS Instr Ext for Util

12J K GREIG Jr PhD Assoc Prof Veg Crops

3G W GREY BSF Instr Ext Dist For (PO Iola)
2F B HADLE MS Asst Prof Hort in Chg of Hort Farm
12C V HALL PhD Assoc Prof Veg Brdg
12R A KEEN PhD Prof Ornam Hort

3J E KEPLER MS Asst Prof Ext Dist for

3C E PARKS MS Asst Prof Ext Landsc Arch

124WF PICKETT PhD Prof (Int Agr Prog India)
12L R QUINLAN MLA Prof Landsc Arch
3C R ROBERTS PhD Asst Prof Ext Hort

12P L ROTH MS Instr Res For

3J P SLUSHER BSF Instr Dist For (PO Hutchinson)

1H H SMITH MLA Asst Prof Landsc Arch 3J K STRICKLER BS Instr Ext Dist For

2J W WINZER MS Instr in Chg of Southeast Kans Expt Field (PO Chetopa)

International Agricultural Program

4010

IV C LARSON EdD Prof in Chg 1W F AMSTEIN MS Prof

1G A FILINGER PhD Prof

1J A HODGES PhD Prof

1D Z McCORMICK BS Asst Prof

1W F PICKETT PhD Prof

1W L PRAWL PhD Prof

Journalism (Tech)

4020

1R R LASHBROOK MS Head of Dept

12LOWELL BRANDNER PhD Prof Tech Journalism and Agr Ed

3MIRIAM L DEXTER MS Ext Assoc Prof and Asst Ext Ed

3G R DIERKING BFA Ext Instr Ext Spec in Vis Aids 1G R EATON BS Asst Prof Tech Journalism

3R O GRAHAM MA Ext Asst Prof Asst Ext Ed 1ELBERT B MACY MS Instr in Agr Journalism F M PARRIS MA Asst Prof Ext Ed

3ERNEST PECK BS Ext Instr Ext Spec in Vis Aids

Journalism (Tech)—Continued 3H G SHANKLAND BA Ext Assoc Prof and Assoc Ed	Ext	Veterinary Medicine—Continued 12J L WEST DVM PhD Prof Path	
3MARJORIE A TENNANT MS Asst Prof Ext Ed 3C R UNRUH MS Ext Asst Prof Asst Ext Ed		Zoology 12D J AMEEL DSc Head of Dept 12B E ELEFTHERIOU PhD Asst Prof Endocrinol	4100
Photographic Service	4030	12H T GIER PhD Prof Embryol Invest	
1F J HANNA Head of Dept 2C A MESSICK Photog		12A M GUHL PhD Prof Poultry Zool 3G C HALAZONMS Ext Asst Prof Wildlife Mat	
3D R VON RIESEN News Photog		12M F HANSEN PhD Prof Parasitol	
as at vota tabolis arono a noting		12R J ROBEL PhD Asst Prof Conserv Wildlife	
Physics	4040	120 W TIEMEIER PhD Assoc Prof Conserv Wildlife	
12A B CARDWELL PhD DSc Head of Dept		**	40.00
12BILLY H BAILEY BS Res Assoc Phys 12L D BARK PhD Assoc Prof Phys		Miscellaneous 1J W KRAUS PhD Dir of Librs	4110
12BASIL CURNUTTE JR PhD Assoc Prof Phys		IJ W KRAUS PILD DIF OI LIDIS	
12R D DRAGSDORF PhD Prof Phys		Branch Stations	4120
12ROBERT KATZ PhD Prof Phys		Colby	
12KARL G LARK PhD Prof Phys		2E E BANBURY BS Assoc Prof Supt	
Plant Pathology	4050	2W W HARRIS MS Asst Prof Soils 2J R LAWLESS MS Instr Cereal Crops	
12S M PADY PhD Head of Dept	4030	Fort Hays	
125L E BROWDER MS Instr Plant Path		2W W DUITSMAN BS Assoc Prof Supt	
120 J DICKERSON PhD Asst Prof Plant Path		2W M BAXTER BS Instrand Asst to Supt	
125L K EDMUNDS PhD Asst Prof Plant Path 12E D HANSING PhD Prof Plant Path		2J R BRETHOUR MS Asst Prof Anim Husb	
125C O JOHNSTON MS Prof Plant Path		2H L HACKEROTT MS Asst Prof Forage Crops 5R G HADLEY Agr Aid Soil and Water Conserv Non	
12J M KAINSKI PhD Asst Prof Plant Path		Professional	
3C L KING MS Assoc Prof Ext Plant Path		2J L LAUNCHBAUGH Jr PhD Assoc Prof Gross M	lgt
12W H SILL JR PhD Prof Plant Path		2R W LIVERS PhD Assoc Prof Cereal Crops	
3W G WILLIS BS Instr Ext Plant Path		25W M PHILLIPS MS Asst Prof Agron Weed Invest 5W M ROSS PhD Genet Sorghums ARS	
Poultry Science	4060	2C A THOMPSON MS Asst Prof Soils	
12T B AVERY MS Head of Dept		Garden City	
3A WADAMS MS Ext Asst Prof Poultry Sci		2A B ERHART BS Prof and Supt	
12J V CRAIG PhD Prof Genet		3D H EDELBLUTE BS Asst Prof Area Ext Agr	
12J L FRY PhD Asst Prof Poultry Prod Tech 12A J KAHRS BS Instr in Chg Poultry Form		2G M HERRON MS Instr Crops 2J M NELSON MS Asst Prof Irrig	
12P E SANFORD PhD Prof Nutr		2N L NOSSAMAN PhD Instr Dryland Invest	
12L T SMITH PhD Asst Prof Genet		2K W SNELLING MS Asst Prof Soils	
		2W DSTEGMEIER MS Instr Crops	
Psychology	4070	Mound Valley	
12M E NOBLE PhD Head of Dept 1D A TRUMBO PhD Assoc Prof of Psychol		20LIVER A RUSS MS Asst Prof and Supt 2G F WILLIAMS PhD Assoc Prof Dairy Husb	
1D G DANSKIN PhD Dir of the Counseling Center		Tribune	
		2T B STINSON BS Asst Prof Supt	
Statistics	4080	2R E GWIN Jr MS Instr Irrig	
12H C FRYER PhD Head Dept of Statis and Statis 12W J CONOVER PhD Assoc Prof Statis and Consu			
12A M FEYERHERM PhD Assoc Prof Statis and Co			
12G F KRAUSE PhD Asst Prof Statis and Consult		KENTUCKY	
12L F MARCUS PhD Asst Prof Statis and Consult	_		
12STANLEY WEARDEN PhD Assoc Prof Statis and sult	Con-	College of Agriculture and Home Economics, the	
suit		ricultural Experiment Station and the Agricultural Exter Service of the University of Kentucky, Lexington	18102
Veterinary Medicine	4090	1 College Staff 2 Station Staff 3 Extension Staff	
12E E LEASURE DVM MS Dean of Col and Dir Vet	Med	4Leave of Absence 5Coop USDA	
Res (Tel JE 9-2211 Ext 245)			40.00
12R W ADRIAN DVM MS Instr Anat 12H D ANTHONY DVM MS Asst Prof Path		123J W OSWALD PhD Pres of Univ	41.30
12A L BURROUGHS DVM PhD Assoc Prof Path		123W A SEAY Phd Dean of Col of Agr and Home Eco	on
12E H COLES Jr DVM PhD Assoc Prof Path and Ad	ctg	Dir of Sta Dir of Ext (Tel 2-2200 Ext 2171)	
Head Path		1M S WALL EdD Assoc Dean of the Col of Agran	d
12B C CUMMINGS DVM MS Assoc Prof Anat 12D S FOLSE DVM MS Assoc Prof Path		Home Econ	
12R A FREY DVM MS Instr Physiol		2C E BARNHART PhD Assoc Dir of Sta 3G W SCHNEIDER PhD Assoc Dir of Agr Ext	
12D C KELLEY DVM MS Assoc Prof Path		23R D HAUN JurD Chief Bus and Finance Officer	
12C H KITSELMAN DVM MS Prof Path		123G J RUSCHELL MBA Assoc Bus Mgr	
12H C MUSSMAN PhD Instr Path			49.40
12D L NELSON DVM PhD Asst Prof Path 3M W OSBURN DVM Assoc Prof Ext Vet		Agronomy	4140
12R C PIPER DVM PhD Assoc Prof Path		123G T WEBSTER PhD Prof Dept Chmn 2W O ATKINSON MS Asst Prof Tobacco Prod and	Mat
12R N SWANSON DVM MS Instr Physiol		12H H BAILEY PhD Assoc Prof Soil Classif	-wat
12G K L UNDERBJERG DVM PhD Prof Head of De	pt of	12G R BENOIT PhD Asst Prof Soil Phys	
Physiol Physics Trate Physics		2R L BLEVINS MS Asst Prof Soil Classif	
12D W UPSON DVM MS Instr Physiol		25C E BORTNER MS Prof Tobacco Prod and Mgt	

Agronomy - Continued

5R C BUCKNER PhD Assoc Prof Grass Brdg 25P B BURRUS 11 MS Asst Prof Grass Brdg

3G D CORDER MS Ext Spec Soils
2J C DICKEN BS Asst Foundation Seed

2W G DUNCAN PhD Assoc Prof Plant Physiol 3G A EVERETTE MS Ext Spec in Tobacco

(PO Princeton)

(PU Princeton)
2V C FINKNER PhD Assoc Prof Small Grain Brdg
3B W FORTENBERY BS Ext Spec Seed Impr
2J F FREEMAN MS Assoc Prof Weed Control
12J L HAMILTON MS Asst Prof Tobacco Chemistry
2J S HARRISON MS Asst Prof Soil Test
2A L HATFIELD MS Asst Prof Soil Fest

12A J HIATT PhD Asst Prof Plant Physiol

2G HICKS BS Asst Data Proc

12T B HUTCHESON Jr PhD Assoc Prof Soil Minerology
5M J KASPERBAUER PhD Res Plant Physiol

5W A KENDALL PhD Assoc Prof Plant Physiol
35L B LEONARD BS Ext Spec in Soil and Water Conserv 2L A LINK MS Asst Soil Fert and Mgt (PO Princeton)

12F A LOEFFEL PhD Assoc Prof Corn Brdg 5R LOWE PhD Res Plant Physiol

12H F MASSEY PhD Prof Soil Chem

3I E MASSIE MS Ext Spec in Tobacco 3H F MILLER MS Ext Spec in Soils

3S H PHILLIPS MS Ext Spec in Crops 12J L RAGLAND PhD Assoc Prof Soil Chem

123W A SEAY PhD Prof Soil Chem
2J F SHANE MS Asst Prof Cereal Prod and Mgt
12R E SIGAFUS PhD Prof Soybean Prod and Mgt 3J H SMILEY PhD Asst Prof Ext Spec Tobacco
12G W STOKES PhD Prof Tobacco Brdg

12W H STROUBE PhD Assoc Prof Forage Prod and Mgt
1W G SURVANT PhD Prof Soil Phys
2N L TAYLOR PhD Assoc Prof Legume Brdg
12T H TAYLOR PhD Assoc Prof Crop Ecol

12W C TEMPLETON Jr PhD Prof Pasture Mgt 3W C THOMPSON MS Ext Spec Forage Crops

2J R TODD MS Asst Prof Soil and Plant Anal

2A M WALLACE MS Asst Prof Tobacco Prod and Mgt

3C E WYATT MS Area Agt in Ext (PO Mayfield)

Animal Science

4150

123W P GARRIGUS PhD Prof Dept Chmn 12C E BARNHART PhD Prof Anim Nutr

12N W BRADLEY PhD Assoc Prof Beef Cattle

12C F BUCK PhD Assoc Prof 12C F BUCK PhD Assoc Prof 12T W CATHEY BS Asst Swine 12C H CHANEY PhD Asst Prof Swine 3G E CONATSER MS Ext Spec Junior Livestock

12R H DUTT PhD Prof Physiol of Reprod

3NELSON GAY PhD Asst Prof Ext Spec Beef Cattle
12ROBERT HALL Jr BS Asst Beef Cattle

12J D KEMP PhD Prof Meats

12C O LITTLE PhD Asst Prof Anım Nutr 3C M MARTIN PhD Asst Prof Area Livestock Spec

2D E McKECHNIE BS Asst Beef Cattle

12G E MITCHELL Jr PhD Assoc Prof Nutr

12W C MOODY PhD Asst Prof Meats 12D O PINNEY PhD Asst Prof Beef

3E D PURKHISER PhD Area Livestock Spec

2C M REESE BS Asst Sheep

3J C ROBERTSON PhD Asst Prof Ext Spec Swine

1KOB RYAN MS Asst Prof Light Horses

3W Y VARNEY PhD Assoc Prof Ext Spec Meats Util
3D G WADDILL PhD Area Livestock Spec

12P G WOOLFOLK PhD Prof Sheep

Animal Pothology 4160
12J H DRUDGE DVM ScD Prof Act Dept Chmn Parasitol

12R H BEHLOW DVM Prof Clin

2J T BRYANS PhD Prof Microbiol 2D A COURTNEY BS Asst Parasitol

2E R DOLL DVM Prof Virol

Animal Pathology-Continued

2L T EILERS BA Asst Parasitol
3D E LABORE DVM Assoc Prof Ext Vet
2E T LYONS PhD Asst Prof Parasitol
4W H McCOLLUM PhD Prof Microbiol
2Mrs MARION S MOCHOW BS Asst Path
2B O MOORE MS Asst Microbiol

2B O MOORE MS Asst Microbiol
2J R ROONEY DVM MS Prof Path
2H D STOWE DVM PhD Assoc Nutr
2L R TUDOR BS Tech Microbiol
2J C WILSON MS Asst Prof Virol

Dairy Science

123D M SEATH PhD Prof Dept Chmn Prod

4170

4180

2J L BUCY BS Lab Tech Dairy Prod 2S B CARR MS Instr Nutr

120 W DEATON PhD Asst Prof Genet
12T R FREEMAN PhD Prof Dairy Prod
12A P GRADEN BS Instr Herd Supt
2R H HATTON BS Lab Tech Nutr
12D R JACOBSON PhD Prof Nutr

12D R JACOBSON PhD Prof Nutr 3WALLACE KING BS Ext Spec Tech

12DURWARD OLDS DVM PhD Prof Physiol

3H E RANDOLPH PhD Asst Prof Ext Spec Tech 12A W RUDNICK Jr PhD Assoc Prof Tech

3E C SCHEIDENHELM MS Ext Spec Prod 3E C TROUTMAN MS Ext Spec Prod

3J C WILK PhD Asst Prof Ext Spec Prod

Economics (Agr)

123A J BROWN PhD Prof Dept Chmn

3S Q ALLEN MS Ext Spec Farm Mgt
3G A ARMSTRONG BS Resource Devipmt Spec

3L D BALL BS Area Ext Agt Rural Area Devlpmt

123W C BINKLEY MS Assoc Prof Coop

3C O BONDURANT MS Field Agt Farm Mgt 12J H BONDURANT PhD Prof Land Econ

1L A BRADFORD MS Prof Farm Mgt

3B F BROWN MS Area Ext Agt Rural Areas Devipmt

3WILMER BROWNING MS Ext Spec Agr Outlook

5W K BURKETT PhD Farm Mgt

12G B BYERS PhD Prof Farm Mgt Labor Econ

3S A CALLAHAN BS Area Agt Mktg

12D G CARD PhD Prof Prices Stat

12C M CLARK MS Assoc Prof Tobacco Mktg

3H W COOTS BS Area Ext Agt Rural Areas Devipmit

12J E CRISWELL MS Asst Prof Farm Mgt

3CHARLIE DIXON MS Ext Spec Rural Areas Devlpmt

2JOE FUQUA MS Asst Prof Farm Mgt

12E D GOOCH PhD Asst Prof Hort Mktg

123W W HOURIGAN MS Instr Ext Spec Agr Policy

3A E KILBOURNE BS Area Ext Agt Rural Areas

Devlpmt 3HAROLD LOVE MS Area Agt Mktg

3EVERETTE MACKEY MS Ext Spec in Poultry Mktg 3J E MAXWELL MBA Ext Spec Bus Mgt

4W H MINTON MS Asst Prof Fruit and Veg Mktg 3E R NETHERLAND BS Area Ext Agt Rural Areas Devlpmt

Devipmt

12J L PEARSON MS Asst Prof Livestock Mktg

2C D PHILLIPS PhD Prof Livestock Mktg

12J C REDMAN PhD Prof Prod Econ

2J B ROBERTS MS Prof Dairy Mktg

3B R ROBERTSON MS Ext Spec in Fruit and Veg Mktg

3HERMAN ROTHWELL BS Area Agt in Mktg

12R W RUDD PhD Prof Agr Policy
3Z C SAUFLEY MS Ext Spec Livestock Mktg

12D M SHUFFETT PhD Assoc Prof Mktg and Statis

3C W SINCLAIR MS Area Ext Agt Rural Areas Devlpmt

12E D SMITH PhD Assoc Prof Coop

12E D SMITH PND ASSOC PTOLCOOP

12J F THOMPSON PhD ASSOC PTOT Prod Econ
3L C WHITE Jr BS Area Ext Agt Rural Areas Devlpmt
3J B WILLIAMS MS Area Ext Agt Rural Areas Devlpmt
3W C WOODROW MS Ext Spec Retailing and Wholesaling
2H C YOUNG MS Asst in Dairy Mktg

Engineering (Agr)

123B F PARKER PhD Prof Dept Chmn

2J B BROOKS MS Assoc Prof

12J R BRYANT Tech

2J M BUNN PhD Asst Prof Tobacco Res

5J H CASADA BS Asst Tobacco Res

22 H COX BS Asst Farm Structures
5G A DUNCAN BS Asst Tobacco Res
3J K EVANS MS Ext Spec Rural Civil Defense

SW H HENSON PhD Assoc Prof Tobacco Res	Junior Clubs 4230
3G H JENKINS BS Ext Spec Farm Structures 3C K KLINE MS Ext Spec Farm Mach	3FRED BROCKMAN MS Ext Spec Young Adult Ext Prog
12J T LIGON PhD Asst Prof Soil and Water Conserv	Educ 3J C FELTNER MS Field Agt 4H Ext Prog Educ
3C T MARSHALL Draftsman	3J H HELLER MS Field Agt 4H Ext Prog Educ
3K C MILLS BS Ext Spec Rural Civil Defense	3HELEN HORTON MS Field Agt 4H Ext Prog Educ
12E M SMITH MS Assoc Prof Farm Mach 2S W SMITH BS Asst Tobacco Res	3G J McKENNEY BS Field Agt 4H Ext Prog Educ
3G M TURNER MS Ext Spec Farm Structures	3Mrs MARGARET McKINSTRY BS Field Agt 4H Ext Prog Educ Home Econ
12J N WALKER PhD Assoc Prof Farm Structures	3J P ROSS MS Field Agt Recreation Educ
12G M WHITE PhD Asst Prof Elec Power and Proc	3B E WHEELER MS Field Agt 4H Ext Prog Educ
5E E YODER MS Asst Prof Tobacco Res 1E R YOUNG MSAE Assoc Prof	Home Economics 4240
TETT TOOKS MENTE TROOP 1.01	Home Economics 4240 3Mrs ELLA S ANDERSON MS Ext Spec Home Mgt
Entomology and Botany 4200	3MARION BARTLETT MS Ext Spec Home Furnishings
12L H TOWENSEND PhD Prof of Agr Ent Dept Chmn (State Ent)	1Mrs MILDRED H BOTSFORD MS Asst Prof Cloth and
2LUCY BAUGH BS Seed Anal	Related Art 2RUTH E BOYDEN MS Asst Prof Nutr Res
2ENCIL DEEN BS Seed Tech	3Mrs MARYD BROWDER MS Ext Spec Pagent Ed and
2C E HENSLEY BS Nursery Seed Insp	Child Devlpmt
12F W KNAPP PhD Asst Prof Med Vet Ent 2Mrs ALICE McDANIEL A B Seed Anal	1ANNIE BROWNLIE MS Assoc Prof Inst Mgt
3R L MILLER PhD Asst Prof Ext Spec Ent	3A ELIZABETH BURR MA Ext Spec Home Furnishings 1Mrs ANNE M CLEMMONS MS Assoc Prof Nutr
2MARGARET E MORTON BA Seed Anal	1LOIS COMBS MS Asst Prof Home Mgt and Household
2B C PASS PhD Asst Prof Forage Grass Insects 12J G RODRIGUEZ PhD Prof Fruit Veg Insects	Equip
4RICHARD THURSTON PhD Assoc Prof Tobacco In-	3AGNES DINSMORE MS Ext Spec Resource Devlpmt
sects	1Mrs BETTY D EASTIN MS Asst Prof Textiles 3ELIZABETH HELTON MS Ext Spec Foods and Nutr
2H G TILSON MS Dep State Ent Tree Omam Insects	4Mrs LF:TTA JASPER BS Ext Spec Mktg and Consum
2ANNE F TODD BS Seed Anal 2Mrs MABEL WILES Seed Anal	Educ
ZIND INIDEE HEED SOOK / RIGH	3Mrs EVELYN H JOHNSON MA Ext Spec Foods and Nutr
Extension Administration 4210	1SUSAN A KELLEY MS Instr
123W A SEAY PhD Deam and Dir 3G W SCHNEIDER PhD Assoc Dir	1A KATHERINE KIDD MA Asst Prof Costume and Int
3G M BASTIN MS Dist Leader Co Agr Ext Agts Dairy	Design
3S C BOHANAN PhD Assoc Prof Chmn Agr Ext Prog	3Mrs GLADYS M LICKERT MS Ext Spec Home Mgt 3Mrs VERNA L McCUISTON MS Ext Spec Clothing
Agron 4MIKE DUFF PhD Asst Prof Asst Leader Ext Prog	1LUCILLE MAGRUDER MS Asst Prof Family Relations
3LEONE GILLETT BS Dist Leader Home Demon Ext	and Consumer Prob
Agts	12ABBY L MARLATT PhD Prof Food and Mktg Res 12SHIRLEY NEWSOM PhD Asst Prof Child Devlpmt
3VIOLA K HANSEN EdD Assoc Prof Chmn Home Econ Ext Prog	12NORMA J PERRY BA Instr Child Devlpmt
23R K KELLEY MS Dist Leader Chmn East Ky Resource	1Mrs JESSIE W RINGO MA Asst Prof Family Living
Devlpmt Proj	3Mrs CAROLYN R SCHROCK MS Ext Spec in Resource Devlpmt in Family Living
3J W KIDWELL MS Dist Leader Co Agr Ext Agts Forage 3R H LICKERT MS Dist Leader Co Agr Ext Agts Econ	3KATHRYN G SEBREE MA Ext Spec Home Furnishings
3H F LINK MS Dist Leader Co Agr Ext Agts Econ	12GERTRUDE SKERSKI MS Asst Prof Nutr Res
3Mrs OPAL MANN BS Dist Leader Home Demon Ext	3FRANCES M STALLARD MA Ext Spec Home Mgt
Agts	1Mrs ROBERTA S TAYLOR MS Asst Prof Foods 3DOROTHY THRELKELD BS Ext Spec Clothing
3Mrs FLORENCE PARKER MS Dist Leader Home Demon Ext Agts	2Mrs DORIS A TICHNER MS Instr Food Tech
3H H POPE BS Asst Dist Leader East Ky Resource	3Mrs RACHAEL R WALLACE MS Ext Spec Clothing
Devlpmt Proj	2Mrs CLAUDIA E WELLS MS Asst Prof Food Tech 2Mrs MILDRED WIGHTMAN MS Asst Prof Mktg Res
3VANDILLA PRICE MA Dist Leader Home Demon Ext	1HELEN M WILMORE MS Asst Prof Home Mgt and
3R R RANTA PhD Assoc Prof Chmn 4H Ext Prog Pub	Housing
Adm	Horticulture 4250
123G J RUSCHELL MBA Assoc Bus Mgr	Horticulture 4250 123H C MOHR PhD Prof Dept Chmn Veg
3Mrs RUTH SAUNDERS BS Dist Leader Home Demon Ext Agts	12J W ABERNATHIE PhD Asst Prof Flor
3WILMA VANDIVER BS Dist Leader Home Demon Ext	23W D ARMSTRONG MS Asst Prof Ext Spec Fruits
Agts	(PO Princeton Ky) 23L D BROWN PhD Asst Prof Ext Spec Veg
3H W WHITTENBURG BS Dist Leader Co Agr Ext Beef	12J W BUXTON MS Instr Flor
Forestry 4220	2C E CHAPLIN MS Assoc Prof Fruits
2G E BROWN MF Assoc Prof Act Dept Chmn Wood Util	4D J COTTER PhD Assoc Prof Veg
	3H W DAVIS MS Ext Spec Veg
	ra

4190

Forestry-Continued

2J G BURNS MF Spec Silvic 12O M DAVENPORT MS Prof Wood Util 2J E FORD BS Spec in Mgt 2C E LITTLE BS Spec in Sawmilling 2V G MOREAU Supt 3J A NEWMAN BS Ext Spec Mgt 2MILTON NOBLE BS Supt For Logging

Marian	Ituze-Continued
Morticul	lture-Lontinued

2J W HERRON PhD Assoc Prof Weed Control

121 D KELLEY PhD Assoc Prof Ornam
12D E KNAVEL PhD Asst Prof Veg
3D C MARTIN PhD Assoc Prof Hort Proc

3E H NEW PhD Ext Spec Flor and Ornam 3T E POPE PhD Ext Spec Flor and Ornam

3G W SCHNEIDER PhD Prof Fruits

2Mrs LELIA G SCOTT MS Res Tech Proc

3R A SHEPHARD MS Resource Devlpmt Spec (PO Quicksand Ky)

3J K STACY MS Ext Spec Fruits

12C S WALTMAN PhD Prof Fruits

Plant Pathology

12R A CHAPMAN PhD Prof Dept Chmn Plant Nematol

12STEPHEN DIACHUN PhD Prof Plant Virol 12R E HAMPTON PhD Asst Prof Physiol of Plant Dis

2LAWRENCE HENSON MS Assoc Prof Forage Legume Dis

2E M JOHNSON PhD Prof Plant Virol Tobacco Dis

5C C LITTON MS Asst Genet of Tobacco Dis 123J W OSWALD PhD Prof Virol Cereal Dis 2R A REINERT PhD Asst Prof Plant Tissue Cult Hort

12G W STOKES PhD Prof Genet of Tobacco Dis

Poultry Science

4270

123W M INSKO Jr MSA Prof Dept Chmn

120 J ABBOTT PhD Assoc Prof Nutr

3K C BEAN MS Resource Devlpmt Spec 12J J BEGIN PhD Assoc Prof Nutr 3A C DAVIS BS Area Agr Ext Agt Prod

3R C GRAVES MS Area Agr Ext Agt Prod 23C E HARRIS BSA Ext Spec Prod

3J E HUMPHREY BSA Ext Spec Prod

12T H JOHNSON BS Asst Prod 12D W MacLAURY PhD Prof Genet

2J W TUTTLE MS Field Agt Poultry Impr

2J C WHITE MS Asst Prof Mgt

Public Information and Educational Aids

4280

23J A SMITH PhD Prof Dept Chmn 3F B BORRIES Jr MS Ext Spec Press

3M BLANCHE BUSHONG AB Ext Spec Press

23Mrs NANCY DARE AB Ed Asst Pub

23J G DUNCAN MS Assoc Prof Ed Pub

23R C MAY Photog

3R L REES MEd Spec Radio TV

3J R RUSSELL AB Ext Spec Ed Pub

3NEVYLE SHACKELFORD Resource Devlpmt Spec

3Mrs LOUISE TIPTON AB Ed Asst Pub

3J B WILLIAMS MS Ext Spec Vis Aids

Regulatory Work

2A B POUNDSTONE MS Dept Chmn Feed and Fert Control

2J T ADIAR BS Asst Chem Feed and Fert

2H R ALLEN MS Chief Chem in Chg of Feed and Fert Ánal

2J B BROWN BS Insp Creamery License Sect

2P R CAUDILL PhD Chem Feed Fert

2B W COX Lab Tech Creamery License Sect 2MAURICE DAVIS BS Asst Insp Feed and Fert

2JOHN ELLIS MS Asst Chem Feed and Fert

2LELAH V GAULT BS Asst Chem Feed and Fert

2Mrs NORMA HOLBROOK BS Asst Chem Feed and Fert

2N J HOWARD BS Insp Feed and Fert 2W J HUFFMAN MS Registration Insp Feed and Fert

2N M HULETTE Insp Feed and Fert

2ROBERT MATHEWS Chief Insp and Asst Admin Feed and Fert

2V C MIDKIFF MS Chem Feed and Fert

2D H NEWMAN Jr BS Asst Chem Feed and Fert

2R N PRICE BS Asst Chem Feed and Fert
2W M ROUTT BS Asst Insp Feed and Fert

Regulatory Work-Continued

2J A SHRADER MS Micros Feed and Fert 2E G VANDERPOOL Asst Insp 2S D WHITEHEAD Insp Creamery License Sect

2G E WILLIAMSON BS Insp Chg of Creamery License Sect

2GUY ZICHEFOOSE MCS Aud and Insp Feed and Fert

Sociology (Rural)

123A L COLEMAN PhD Prof Dept Chmn Diffusion of Technol Intergroup Relat

3J S BAXTER BS Ext Spec Tourism and Recreation 12J S BROWN PhD Assoc Prof Migration Regions Insts

12C M COUGHENOUR PhD Assoc Prof Organ Small

Groups Diffusion of Tech

4T R FORD PhD Prof Commun Demography Med Sociol 12G A HILLERY Jr PhD Assoc Prof Commun Demography

Social Anthropology 3W M JONES MS Area Ext Agt 4H and Youth Devlpmt

1J J MANGALAM Jr PhD Asst Prof Social Change

Sociol of Educ

3W R MILLER MA Ext Spec Commun Organ Resource Devlomt

3R J RAMSEY MA Ext Spec Commun Group Dynamics Prog Planning

123F A SANTOPOLO PhD Assoc Prof Ext Spec Commun Social Change Eval and Ext Studies

12H K SCHWARZWELLER PhD Asst Prof Res Methods

Social of Educ and Occup Migration 3P K TEAGUE MA Resource Devlpmt Ext Spec Educ

Youth 5E G YOUMANS PhD Assoc Prof Gerontology Occup Group Dynamics Educ

Miscellaneous

4310

23W B BALL BA In Chg of Serv Off

2Mrs MARY R BROWN MS Cataloger

IL J HORLACHER MS Prof 2C A MARCUM Bldg Supt

2G D PENDERGRASS MS In Chg of Agr Serv

1Mrs MARY P PHELPS MS Librarian

2J G REVO BS Acct

4320

Robinson Substation PO Quicksand

4C M DERRICKSON MS Supt 2J E DALTON BS Asst Supt

Western Ky Substation PO Princeton

2P P APPEL BS Supt

2L M CALDWELL BS Asst Supt 2J R OVERFIELD MS Anim Husb

Kentucky State College, Frankfort 1College Staff

4330

1CARL M HILL Pres 1D H BRADFORD PhD Deam and Reg of Col

1L E ALEXANDER PhD Prof and Head of Dept of Biol

1J B BROWN MA Asst Prof Chem

1Mrs ORA M CHEANEY MS Instr Home Econ

1W L DIXON MA Assoc Prof Biol

1Mrs EMILIE'S HIGH MA Instr and Teacher Trainer and Actg Head of Dept of Home Econ

1RUTH KING BS Instr Clothing

1P J MANLY MA Asst Prof Agr (2-year Program)
1E D RAINES PhD Prof and Head of Dept of Chem
1Mrs GERTRUDE L C RIDGEL PhD Prof Biol

1H S STOVALL MS Instr Agr (2-year Program)
1A L SURRATT MS Instr Agr (2-year Program)

LOUISIANA

The Louisiana State University and Agricultural and Mechanical College, the Agricultural Experiment Station, and the Agricultural Extension Service, University Station, Baton Rouge

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

1.J A HUNTER PhD Pres of Univ

4340

1J N EFFERSON PhD Dean of Col of Agr (Tel Dickens 8-6511 Ext 4161)

2C W UPP PhD Dir of Sta (Tel Dickens 8-6511 Ext 4181)

3J A COX MS Dir of Agr and Home Econ Ext (Tel Dickens 8-6511 Ext 4141)

1R H HANCHEY PhD Dir of Resident Instr (Tel Dickens 8-6511 Ext 2065)

2J J MIKELL PhD Assoc Dir of Sta

3C E KEMMERLY Jr MS Assoc Dir of Agr and Home Econ Ext

3J E KNIGHT Asst Dir of Agr and Home Econ Ext 3N E THAMES MS Asst Dir of Agr and Home Econ Ext 10 M COCO BS Comptroller

12M B STURGIS PhD Prof Soil Fert and Head of Dept 2JOHN BEAVER MS Asst Prof Roadside Stabil 2R H BRUPBACHER Jr MS Asst Prof Soil Test

3T A BURCH MS Assoc Spec Cotton 12A G CALDWELL PhD Prof Soil Chem

30 D CURTIS MS Assoc Spec Soils

2L E GOLDEN PhD Asst Prof Soil Fert

2J P GRAY PhD Prof Brdg Soybeans and Oats

12M T HENDERSON PhD Prof Genet and Rice Brdg

3L C HILL MS Spec Rice

2J B HOLDER BS Instr Soil Test

12) E JONES PhD Assoc Prof Brdg Cotton
2) B LOFTIN BS Assoc Brdg Corn
3D T LOUPE PhD Spec Sugar Cane

2S A LYTLE BS Assoc Prof Soil Surv

2J G MARSHALL MS Asst Prof Field Crops (RFD 2 Alexandria)

2L F MASON MS Assoc Prof Brdg Com 1R L MILLER PhD Assoc Prof Field Crops

2C L MONDART Jr MS Asst Prof Forage Crops

3W E MONROE MS Spec Proj Leader Pasture Com

2B E NEWMAN MS Asst Prof Soil Fert
2A L NUGENT MS Asst Prof Soil Test

2C R OWEN MS Assoc Prof Brdg Forage Crops

12W H PATRICK Jr PhD Prof Soil Phys 23W J PEEVY PhD Prof Soil Fert

2RAY RICAUD MS Instr Soil Fert Sugar Cane
2J E SEAHOLM MS Asst Prof Soil Surv

12J E SEDBERRY Jr PhD Prof Soil Chem

2F W SELF MS Assoc Prof Brdg Cotton

2Mrs BETTY SHEPHERD BS Assoc Fiber Technol

2K W TIPTON MS Asst Prof Brdg Cotton

2B D VERCHER BS Asst Prof Water Contam

12W H WILLIS PhD Prof Soil Microbiol

4360 **Animal Science**

12G L ROBERTSON PhD Prof Physiol and Head of Dept 2Mrs NELL J ALFORD BS Assoc Nutr

2J J BESSELMAN Jr BS Assoc Meats

2R F BOULWARE PhD Asst Prof Genet

12P B BROWN PhD Assoc Prof Nutr
2H D CHAPMAN MS Asst Prof Livestock Test (RFD 2 Alexandria)

12N C ENGLAND PhD Asst Prof Brdg and Statis

3A D FITZGERALD MS Spec Swine

12S H FOWLER PhD Prof Physiol

2J D FOX BS Assoc Meats

12J C GLENN PhD Asst Prof Physio!

Animal Science-Continued

12S L HANSARD PhD Prof Nutr 3C L HILL MS Spec Proj Leader Sheep

3C L HILL MS Spec Proj Leader Cheep
2P E McCLAIN BS Assoc Medts
12S E McCRAINE MS Assoc Prof Horses
3H E McFATTER MS Spec Livestock Mktq
3C O McKERLEY MS Assoc Spec Herd Impr

12A M MULLINS PhD Assoc Prof Meats

2W A NIPPER MS Assoc Prof Beef Cattle (RFD 2 Alexandria)

3A P PARHAM MS Spec Beef Cattle
2C C PHILLIPS BS Assoc Beef Cattle

2C B SINGLETARY MS Assoc Prof Beef Cattle (PO Clinton)

12D M THRASHER PhD Assoc Prof Nutr 3CARROL WILSON PhD Assoc Spec Anim Husb (4 H)

1C S McCLESKEY PhD Prof Gen Microbiol and Chmn of Dept

1A R COLMER PhD Prof Microbiol 12A D LARSON PhD Prof Physiol

1M D SOCOLOFSKY PhD Asst Prof Physiol

1W P WEIDANZ PhD Asst Prof Immunol

Botany and Plant Pathology

12S J P CHILTON PhD Prof Plant Path and Chmn of Dept and Head of Plant Path Res

2LOUIS ANZALONE Jr PhD Assoc Prof Sugar Cane Varieties

12J B BAKER PhD Assoc Prof Physiol Weeds

5W B BIRCHFIELD PhD USDA Nematol

IC A BROWN PhD Prof Taxon Ecol

1BEATRICE B EXNER PhD Assoc Prof Bot and Anat 12I L FORBES PhD Prof Virus and Fungus Diseases

Sugar Cane

2M J GIAMALVA PhD Assoc Prof Sugar Cane Varieties

2J P HOLLIS PhD Assoc Prof Nematol Cotton

2N L HORN PhD Assoc Prof Fungus and Virus Veg

5H A LAMEY PhD Plant Path Virus Rice

2G D LINDBERG PhD Assoc Prof Fungus Rice

1L A LOGAN PhD Assoc Prof Bot and Biol 1BERNARD LOWY PhD Assoc Prof Mycol

2W J MARTIN PhD Prof Virus and Fungus Sweet

Potatoes

12W C NORMAND PhD Asst Prof Physiol Sugar Came

2E D PALIATSEAS PhD Assoc Prof Brdg Sugar Cane 2J A PINCKARD PhD Assoc Prof Studies on Fungus

Diseases of Cotton 2T P PIRONE PhD Assoc Prof Virus Bact Fungus

Omamentals 12J B SINCLAIR PhD Assoc Prof Fungus Veg and Fruit

2E R STAMPER MS Assoc Prof Weeds Sugar Cane 12L C STANDIFER PhD Asst Prof Physiol Weeds

Cotton

2R J STEIB PhD Assoc Prof Virus and Fungus Sugar Cane

2E C TIMS PhD Prof Fungus Vegetable and Fruit

1H E WHEELER PhD Prof Physiol

5C S SCHEXNAYDER PhD Asst Prof Bot and Biol

Dairy Science 4390

12J B FRYE Jr PhD Prof Prod and Head of Dept 3H W ANDERSON PhD Spec Proj Leader

12CECIL BRANTON PhD Prof Brdg and Genet 2C P BREIDENSTEIN MS Instr. Prod

2D L EVANS BS Instr Brdg and Genet 12A J GELPI Jr MS Assoc Prof Tech

12J H GHOLSON PhD Prof Tech

3BUCK GREEN MS Asst Spec Prod

2A J GUIDRY BS Assoc Prod

4J E JOHNSTON PhD Prof Physiol
1H C KELLIGREN MS Asst Prof Brdg Artif
3B L KILPATRICK MS Asst Spec 4-H

3N J MATHERNE MS Spec DHIA

4450

4460

Dairy Science-Cont	inu	ed
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12T E PATRICK PhD Prof Brdg and Physiol

12L L RUSOFF PhD Prof Nutr

12E J STONE MS Asst Prof Nutr 12W H WATERS BS Assoc Mat

Economics (Agr) and Agribusiness

4400 12F H WIEGMANN PhD Prof Farm Mgt and Policy and

Head of Dept

12W H ALEXANDER PhD Prof Dairy Mktg

5BILL BOLTON MS Agr Econ

12J R CAMPBELL PhD Prof Farm Mgt

3L A CARVILLE MS Assoc Spec Prof Leader Mgt

12F L CORTY PhD Assoc Prof Land Econ 3W D CURTIS MS Spec Proj Leader Resource Devlpmt

12L L FIELDER PhD Assoc Prof Price and Statis

5A R GERLOW MS Agr Econ Farm Mgt 2J D GOODWIN MS Instr Livestock Mktg

3R M GRIGSBY DPA Spec Proj Leader Mktg

2 A C HUDSON MS Instr Fruit and Veg Mktg
12 J F HUDSON PhD Assoc Prof Cotton Mktg

12D C HUFFMAN PhD Asst Prof Farm Mgt
12J M LAW PhD Assoc Prof Fruit and Veg Mktg

12LEONIDAS POLOPOLUS PhD Assoc Prof Resource

Devlpmt and Prod Econ

2CARTER PRICE MS Instr Grain Mktg

2H G SCOGGINS MS Instr Farm Mgt
2C L STREBECK MS Instr Resource Devipmt

2G D SULLIVAN PhD Asst Prof Agr Finance

2H D TRAYLOR PhD Assoc Prof Grain Mktg 3ELIZABETH WILLIAMS MS Spec Consum Educ

2W F WOOLF PhD Asst Prof Farm Mgt and Prod Econ

Editorial and Publicity

4410

3C W PRICE MA Ed Proj Leader

3BERT ARDOIN BA Asst Spec Livestock Show

3D W DARDEN BA Asst Spec

2L V GEORGE BS Ed 2T R HOLMES BA Asst Ed

23Mrs ELAINE S HOWARD BFA Asst Spec Artist

3EDYTHE A McLEAN BA Asst Spec Bul

3P H MASSEY BA Asst Spec Civ Defense 3O P MORGAN BS Asst Spec Radio and T V

3A V PATTERSON Jr MS Spec Vis Aids

3Mrs RUTH THOMPSON BS Asst Spec Artist

Education (Vocat)

4420

IC L MONDART PhD Prof and Head of Agr Educ and Dir of Sch of Vocat Educ

IN A HAUER PhD Prof and Head of Dept of Indus Educ

1B H ALSIP Jr MS Asst Prof Indus Arts

IL A BRAUD MS Asst Prof Trade and Indus Educ
IC M CURTIS PhD Assoc Prof Agr Educ
IJ C FLOYD PhD Prof Agr Educ
IC G MAINOUS MS Assoc Prof Indus Arts

1ANTHONY MUMPHREY PhD Assoc Prof Agr Educ

1P V ROUGON MS Asst Prof Indus Arts

1E G SMITH MS Assoc Prof Indus Arts

1MAX YARBROUGH MS Assoc Prof Trade and Indus

Engineering (Agr)

4430

12H T BARR MS Prof Farm Bldgs and Mech and Head of Dept

12H J BRAUD Jr PhD Asst Prof Farm Bldgs and Soil and Water

12W H CARTER MS Prof Power and Mach

2A L COX MS Asst Prof Soil and Water

5J M LAFLEN MS Agr Engr Conserv 12M M MAYEUX MS Assoc Prof Power and Mach

2T J NISSING BS Instr Farm Bldgs
12W D POOLE MS Prof Mach and Crop Proc

12J W D ROBBINS MS Asst Prof Soil and Water 5I L SAVESON AE Drain Engin

3C E SEVERANCE MS Spec Proj Leader

Engineering (Agr)-Continued

3J L SMILIE MS Spec

12C H THOMAS MS Assoc Prof Power and Mach 12F T WRATTEN MS Prof Elec Power and Proc

12M E WRIGHT BS Assoc Power and Mach

Entomology-See Zoology and Entomology

Experiment Station Administration

2C W UPP PhD Dir

2J J MIKELL PhD Assoc Dir 2T E GLAZE PhD Asst to Dir Fiscal

2B R FARTHING PhD Statis

2J S ROUSSEL PhD Asst to Dir and Coordinator Br Stas and Cotton Prog

Extension Administration

3J A COX MS Dir

3C E KEMMERLY Jr MS Assoc Dir

3J E KNIGHT Asst Dir State Off Oper

3N E THAMES MS Asst Dir Prog

Extension Supervision

3D L BORNMAN Jr MS Southeast Dist Agt

3R R BROWN MS Dist Prog Spec 3R J COURTNEY MS Asst State Agt for Work with Negroes (PO Southern Univ)

3R J DOLAN PhD Assoc Spec Agr Educ

3N R DRY MS Spec Resource Devlpmt

3Mrs ADA W HANCHEY MA Dist Prog Spec

3E E HODGKINS MS Assoc Dist Prog Spec
13J H JONES Jr PhD Prog Anal and Assoc Prof Sociol 3C W KENNEDY MS Asst State Agt and Mar of Livestock Shows

3A G KILLGORE MS State Agt Agr

3J A LAMENDOLA MS Dist Prog Spec

3Mrs AMELIA J LEWIS MA Asst State Home Demon Agt for Work with Negroes (PO Southern Univ)

3E R McCRORY MS Central Southwest Dist Agt

3RUPERT PERRY MA State Agt Home Econ 13L L PESSON PhD Spec Assoc Prof of Agr Educ

3Mrs VALMAE ROBERTSON MS Dist Prog Spec

3A C SMITH Sr BS North Dist Agt

3D H SPURLOCK MS Asst State Agt Pers and Finance 3Mrs ROGENIA G TROTTER MS Dist Prog Spec

13H C SANDERS MA Dir Emeritus and Assoc Prof of Agr Educ

4-H CLUB WORK

3C S SHIRLEY MS State Club Agt
3M A EDMOND BS Asst State Club Agt for Work with Negroes (PO Southern Univ)

3BRUCE FLINT MS Dist Prog Spec

3E W GASSIE MS Dist Prog Spec

3K W HATHORN MS Assoc State Club Agt

3STELLA JONES Assoc State Club Agt 3C J NAQUIN MS Dist Prog Spec

3A O WILLIAMS MS Asst State Club Agt for Work with Negroes (PO Southern Univ)

Fertilizer and Feedstuffs Laboratory

2E A EPPS Jr MS Prof Agr Chem and Head of Dept 2H C AUSTIN Jr BS Asst Prof Agr Chem

2FRANCES L BONNER MS Assoc Prof Agr Chem 2Mrs ODELL R DRY BS Assoc Agr Chem

2A B HALLAB BS Instr Agr Chem 2A T HARRELL MS Assoc Prof Agr Chem

2J G KOWALCZUK MS Asst Prof Agr Chem 2J B McDEVITT Jr MS Asst Prof Agr Chem 2J W TORBERT BS Asst Prof Agr Chem

Food Science and Technology

4480

12A F NOVAK PhD Prof Radiol and Microbiol and Head of Dept

12R M GRODNER PhD Assoc Prof Enzymes 12W H JAMES PhD Prof Nutr Chem

12Mrs FAY B JOHNSON BS Assoc Anal

Food	Sci	ence	an d	Tech	nology –	Continued	
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olism 12R T LOVELLPhD Asst Prof Preserv

Forestry and Wildlife Management School of 4490

12P Y BURNS PhD Prof and Dir of Sch of For and Wildlife Mat

12B A BATEMAN PhD Prof For

4B H BOX MF Asst Prof Silvic
12A B CROW MF Assoc Prof Silvic
2P J FOGG MF Instr Genet

12L L GLASGOW PhD Assoc Prof Dendrology and Wildlife Mat

12THOMAS HANSBROUGH PhD Assoc Prof Ecol

5W H HERKE MS Leader La Coop Fishery Unit USDI

12W C HOPKINS DF Prof Wood Util

2ANATOL KASZKUREWICZ MF La For Comm

12N E LINNARTZ PhD Asst Prof Soils 12R W McDERMID MF Assoc Prof Mgt

3A S McKEAN MF Spec Proj Leader
12C B MARLIN MF Asst Prof Econ
12R J MUNCY PhD Asst Prof Fisheries

5J D NEWSOM MS Game Mgt and Leader La Coop Wildlife Res Unit USDI

12W S THOMPSON PhD Asst Prof Wood Util

Home Economics School of

4500

12CLARA TUCKER PhD Prof and Dir of Sch 1BETH ANDREWS MA Asst Prof Indus Mgt 3JOAN BLONDIN MS Asst Spec Nutr 3Mrs BERTHA S BRYSON MS Spec Housing 12ALMA B CLARK PhD Assoc Prof Home Mgt 1Mrs DOROTHY L DAVIS BS Instr Dietitian 2Mrs SARAH T EHRLICH MS Instr Nutr 1DUREEN ELLIS BS Instr Dietition 12ETTA L FINLEY MA Asst Prof Textiles 3Mrs VERNA D GUILLORY MS Assoc Spec Home Mat 3Mrs CELIA S HISSONG MS Spec Home Mgt

3BETTY J HODGKINS BS Asst Spec Clothing 1Mrs DOROTHY C HOWELL MS Asst Prof Foods 1Mrs MARGARET B KOCH PhD Assoc Prof Child

Devlomt

2Mrs HELENM LAW MS Assoc Mktg

1SARAH LEE MA Assoc Prof Clothing 1Mrs LAUREAME C McBRYDE MS Asst Prof Clothing 1Mrs KATHRYN MACKENSEN MS Asst Prof Home Econ

Educ 12Mrs DOROTHY S MOSCHETTE MA Prof Nutr

1ALLIE C NEWSOM PhD Assoc Prof Home Econ Educ 12Mrs NEVA F OLSEN MS Instr Textiles 12Mrs LORRAINE H PHILLIPS MA Asst Prof Textiles

3FAE ROARK MS Spec Clothing

1MELBA E RUSSELL BS Instr Dietition

IMAUD S RYDER MS Assoc Prof Inst Mgt

3Mrs JESSIE M SCHNEIDER MS Spec House Furnishings 1Mrs BELA SEN MS Instr Preschool Teacher

2Mrs KATHRYN L SHELTON BA Assoc Nutr

10NA SMITH MA Asst Prof Foods
3Mrs ALICE T TEDDLIE MS Assoc Spec Family Life
3Mrs IRENE M TURNER MS Spec Nutr

1Mrs KATHERINE W WATTS MS Asst Prof Home Mgt

12S P YANG PhD Prof Nutr Foods

Norticulture and Landscape Architecture 4510

12J C MILLER PhD Prof Veg Crops and Brdg and Head of Dept

12E P BARRIOS PhD Asst Prof Veg Crops and Brdg

2J R BARRY PhD Assoc Prof Physiol (PO Chase)

2R A BAUMGARDNER PhD Asst Prof Proc 2C S BLACKWELL MS Instr Ornam

1Mrs ELENA CUELLAR MLA Asst Prof Landsc Arch 5T P DYKSTRA PhD Senior Path 1D W EARLE Jr MS Asst Prof Landsc Arch

2W W ETZEL MS Asst Prof Veg Crops (PO Chase)
12J F FONTENOT MS Asst Prof Veg Crops and Physiol 3D S HALL BS Asst Spec Ornam (P.O New Orleans)

Horticulture and Landscape Architecture-Continued

12R H HANCHEY PhD Prof Flor and Omam

12P L HAWTHORNE MS Prof Pomol

12TEME P HERNANDEZ PhD Prof Brdg

2TRAVIS P HERNANDEZ MS Assoc Prof Brdg (PO Chase)

12L G JONES PhD Prof Physiol and Nutr

12W D KIMBROUGH PhD Prof Physiol

12J R KING PhD Prof Morphol Cytogenet Anat

3W A MEADOWS MS Assoc Spec Pomol

3JOSEPH MONTELARO MS Spec Veg Proj Leader

3A C MOREAU MS Spec Veg Crops 12D W NEWSOM PhD Prof Physiol

3N G ODENWALD MS Assoc Spec Landsc 12E N O'ROURKE PhD Prof Pomol

12R S REICH PhD Prof Landsc Arch 2B W WASCOM BS Instr Veg Crops

2W A YOUNG MS Instr Veg Crops Brdg

Poultry Science

4520

12A B WATTS PhD Prof Nutr and Head of Dept 12B H DAVIS PhD Assoc Prof Prod Tech

2Mrs LYNN M GARDNER BS Assoc Nutr

3H E HATHAWAY PhD Spec Proj Leader

2W B HILTON MS Asst Prof Mgt

12W A JOHNSON PhD Assoc Prof Genet and Brdg 12CHARLES JOHNSTON PhD Asst Prof Nutr

2J E MILES MS Assoc Nutr 3C W POPE PhD Spec Mktg

12R A TEEKELL PhD Assoc Prof Physical

12B A TOWER MS Assoc Prof Mgt

Sociology (Rural)

12W J JOKINEN PhD Assoc Prof and Chairman of Dept 12A L BERTRAND PhD Prof and Coordinator of Rural Sociol Res

3K A KOCH MS Assoc Spec Resource devipmt

12M L TAYLOR PhD Assoc Prof Resource Devlpmt 3WAYNE ROBICHAUX PhD Spec Proj Leader Resource Devlomt

Sugar Cane Work

2E C SIMON MS Prof Prod and Head of Sugar Sta 2T J STAFFORD PhD Assoc Prof Prod

4550

123W T OGLESBY DVM MS Prof and Head of Dept 2W V ADAMS Jr MS Assoc Microbiol 2F R BILKOVICH DVM MS Assoc Prof Parasitol

2B W BLAKEWOOD DVM Path Joint Employ La Dept of Agr

2H E DAVIS DVM Instr Immunol

2G T DIMOPOULLOS PhD Prof Microbiol Virol

2J M DIXON DVM MS Assoc Prof Avian Path 2A L DOMMERT DVM MS Post Doctoral Training Cyto

Histol Chem 2Mrs MARY L DOMMERT BS Assoc Immunol

2Mrs FRANCES C FLINCHUM AB Assoc Biochem

2L E FOOTE DVM MS Assoc Prof Path

2Mrs BETTY J GREER BS Assoc Immunol

2Mrs JEANNE M HAYDEL BA Assoc Microbiol

2P J HENDERSON BS Assoc Anim Husb 2R J HIDALGO DVM Post Doctoral Trainee Microbiol

12R B LANK DVM MS Prof Clin 2HELEN E LEVY BS Instr Microbiol

12R B MYERS DVM Asst Prof Clin

2Mrs KAY J NEWMAN BS Assoc Antigens

2Mrs JOANN T PARKER BS Assoc Microbiol

2E E ROTH DVM MS Assoc Prof Microbiol 2G E SANFORD BA Assoc Parasitol

2C L SEGER DVM MS Assoc Prof Histo Path 2W R WALLACE PhD Asst Prof Cyto Histol Chem

2PATRICIA WEAVER BS Assoc Microbiol

2J C WILLIAMS MS Inst Parasitol

IN JIAGMAN PAD Assoc Prof Invert Zool and Chan of Zool H J BENNETT PAD Prof promotiol 128 I BEUNET PAD Prof Earn Physiol 128 I BEUNET PAD Assoc Prof Earn Physiol 129 I BEUNET PAD Assoc Prof Earn Physiol 129 I BEUNET PAD Assoc Prof Earn Physiol 129 I BEUNET PAD Assoc Prof Earn Physiol 120 F CLOWER PAD Prof Earn Research Page 120 CARPENTER Jr MS Ass Prof Solis (PO Winnaboro) 120 F CLOWER PAD Prof Earn Research Page 121 DAVISON PAD Asst Prof Genet 131 A DAVISON PAD Asst Prof Genet 131 A DAVISON PAD Asst Prof Genet 131 A DAVISON PAD Asst Prof Cant Physiol 131 A DAVISON PAD Asst Prof Earn Research Page 121 B CRAYES PAD Asst Prof Earn Research Page 121 B CRAYES PAD Asst Prof Earn Research Page 121 B CRAYES PAD Asst Prof Earn Research Page 121 B CRAYES PAD Asst Prof Earn Research Page 121 B CRAYES PAD Asst Prof Earn Research Page 122 B CRAYES PAD Asst Prof Earn Research Page 123 B CRAYES PAD Asst Prof Earn Research Page 124 B CRAYES PAD Asst Prof Earn Research Page 125 B CRAYES PA	Zoology and Entomology		4560	Branch Stations—Continued	
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1H J BENNETT PhD Prof Percentrol 12h S BLUMP PhD Assoc Prof Ent Physiol 12h B BOUNDREAUX PhD Prof Ent heset Pests 2C BURNS PhD Assoc Prof Ent 3R W BURNELLAS Ent 3R W BURNELLAS Ent 3R W BURNELLAS Ent 12h CONCENTROL ES I hast Spee Oral Leader 12h P CLOWER PhD Prof Ent 2R B CLOWER PhD Prof Ent 3R W BURNELLAS Ent 12h D CLOWER PhD Prof Ent 3R W BURNELLAS Ent 12h D CONCENTROL ES I hast Ent Cotton (PO Centerville) 13h A DAVISON PhD Asst Prof Cene test 3R W BERNEL PhD Ent 2R H CLOWD No Prof Ent 12h B GRAVES PhD Asst Prof Ent 12h B GRAVES PhD Asst Prof Ent 18' V PIYENGAR PhD Asst Prof Sent Physiol 22h I SANYARCK PhD Assoc Prof Ent 18' V PIYENGAR PhD Asst Prof Cene Prof Cell Biol 22h I SANYARCK PhD Assoc Prof Ent 18' V PIYENGAR PhD Asst Prof Sent Cene 18' W B EARLS I Prof Sent Physiol 25h I ALBERT PhD Ent 18' V PIYENGAR PhD Asst Prof Sent Cene 18' W C ROBERTS PhD Asst Prof Sent Cene 18' W C ROBERTS PhD Asst Prof Sent Cene 18' W C ROBERTS PhD Asst Prof Sent Cene 19' W C ROBERTS PhD Asst Prof Sent Cene 19' W C ROBERTS PhD Asst Prof Sent Cene 19' W C ROBERTS PhD Asst Prof Sent Cene 19' W C ROBERTS PhD Asst Prof Sent Cene 19' W STANNER PhD Assoc Prof Ent 18' STYPERE PhD Asst Prof Sent Cene 19' W C ROBERTS PhD Asst Prof Sent Cene 20' W C ROBERTS PhD Asst Prof Sent Cene 21' W W REALS A SEN Sent Pol Asst Prof Sent Cene 21' W W REALS A SENT Sent Pol Asst Prof Sent Cene 22' W W STANNER PhD Assoc Prof Ent 23' C SOURCE M PhD Asst Prof Sent Cene 24' W W HITTOWN PhD Asst Prof Sent Cene 25' P ENLISON SE Asst Prof Sent Cene 26' W ADISTANCIAN SD Inc of Libra 27' W W HITTOWN PhD Asst Prof Sent Cene 28' W C ROBERTS PhD Assoc Prof Ent 29' P ELANCHARD PhD Assoc Prof Ent 29' P ELANCHARD PhD Assoc Prof Ent 29' P ELANCHARD PhD Asst Prof Sent Cene 29' W C ROBERTS PhD Assoc Prof Ent 29' P ELANCHARD PhD Physiol 20' M D JOHNS US Prof Physiol 20' M D JOHNS US Prof Physiol 20'		Assoc Prof Invert Zool and Ch	mn of		
12M S EUUMPEAUX PhD Pot Cent Lineart Pests 2E C BURNS PhD Assoc Prof Ent 3F W BURRELLIAM Ent 3C A CANCENNE SS Assis Spec Proj Leader 2M SO AND S CHAPIN MS Assoc Toxon 7D P CLOWER PhD Pot Ent 1D A DAVISON PhD Assoc Prof Ent 1S R EVERETT PhD Ent 2E H FLOYD MS Prof Ent 2B GRAVES PhD Assoc Prof Ent 1S Y INCARCE PhD Ent 2E H FLOYD MS Prof Ent 2B GRAVES PhD Assoc Prof Ent 1S V INCARCE PhD Ent 2E H FLOYD MS Prof Ent 2B I GRAVES PhD Assoc Prof Ent 1G C KENT IF PhD Pot Enhocition 1G C KENT IF PhD Assoc Prof Ent 1SC H LOWERY IF PhD Boyd Prof and Dit of Museum of Natural Sci Grainth 50TTO MACKENSEN PhD Assoc Prof Ent 1SC H LOWERY IF PhD Pot Enhocition 2F E WILSON IS NOT ASSOC PROF IN THE PhD Assoc Prof In TITERITY PULLIG MS Itsit Genet 1M M REAALS IF PhD Assoc Prof Ent 1ST PENEN PhD Assoc					
12H B BOUDREAUX PAD Prof Eart 18FW BURRELLAMS Ent 12F CLOWER SAME Spec Proj Leader 2Mrs JOAN B CHAPIN MS Assoc Taxon 12F CLOWER PAD Prof Eart 2E J CONCIENNE BS Last Eat Cotton (PO Centerville) 11 A DAYSON PhD Asst Prof Genet 19FW WEARLE PAD Ent 2F CLOWER SW WEARLE PAD Ent 2F CLOWER SW WEARLE PAD Ent 2F FLOVO MS Prof Ent 18FW FLOVO MS Prof Ent					
2 L W SLOANE IN S. Assi Spec Proj Leader 3 W B UBRRELL MS Ent 3 CA CANCEINE BS Assi Spec Proj Leader 4 Mrs JOAN B CHAPIN MS Assi Prof Cattor 12 F CLOWER PRD Prof Ent 22 F J CONCEINER BS Inst Ear Cotton (PO Centerville) 13 A DAYISON PRD Assi Prof Genet 13 I A DAYISON PRD Assi Prof Genet 22 F J SCHIMITZ MS Assi Prof May 12 Prof Ent 23 F R EVEREIT PRD Ent 24 F H FLOYD MS Prof Ent 25 F R EVEREIT PRD Ent 25 F R EVEREIT PRD Ent 26 F H FLOYD MS Prof Ent 27 F R EVEREIT PRD Ent 28 F H FLOYD MS Prof Ent 29 F H CANCER PRD Assoc Prof Ent 29 F J SCHIMITZ MP Assoc Prof Ent 19 F H LONG PRD Assoc Prof Ent 19 C C CENT Jr PRD Prof Endocrinol 25 D LENSLEY PRD Assoc Prof Ent 16 C KENT Jr PRD Prof Endocrinol 25 C KENT Jr PRD Prof Endocrinol 26 C NOLONES IS CONTINUED ASSOC Prof Ent 16 C KENT Jr PRD Prof Endocrinol 27 N LAWES CONTINUED ASSOC Prof Ent 16 C KENT Jr PRD Prof Endocrinol 28 N LAWES CHAPT AND ASSOC Prof Ent 29 M C NOTTLES PRD Ent 30 C NOLONES S CONTINUED ASSOC Prof Ent 29 M F CANCER S PRD Ass Prof Marino 20 M C NOTTLES PRD Ent 21 F W M HEADS I PRD Ass Prof Marino 21 F ENDOCRINO PRD Ass Prof Ent 21 F W M HEADS I PRD Ass Prof Ent 21 F W M HEADS S PRD Ass Prof Ent 21 F W M HEADS S PRD Ass Prof Ent 21 F W M HEADS S PRD Ass Prof Ent 21 F W M HEADS S PRD Ass Prof Ent 21 F W H W HEADS S PRD Ass Prof Ent 21 F W H W HEADS S PRD Ass Prof Ent 21 F W H W HEADS S PRD Ass Prof Ent 22 F E SCHIME S S ASSOC S PRO MINING 24 F E W H W H T COUNTED PRO PROF ENT 25 F ENDOWN B PRD Ass PRO ENT 26 F ENDOWN B PRD Ass PRO ENT 27 F E W H W H T F W B PRO PROF ENT 28 F ENDOWN B PRD Ass PRO ENT 29 F E PRO ENT PRO ENT 29 F E PROP ENT PROF ENT 29 F E PROP ENT PROF ENT 29 F E PROP ENT 29 F E PROP ENT PROF ENT 29 F E PROP ENT PROF ENT 29 F E PROP ENT 20 F E P					
SRI W BURRELL MS East Spec Proj Leader 2Mm JOAN B CHAPIN MS Assoc Taxon 12 F CLOWER PAD Prof Eart 2E J CONCIENNE BS Last Eat Cotton (PO Centerville) 1A DAVISON PhD Asst Prof Genet 9N W EARLE PED But 1 1A DAVISON PhD Asst Prof Genet 1NW REARLE PED But 1 12 B GRAVES PED Asst Prof Eart 12 B GRAVES PED Asst Prof Eart Physiol 12 B GRAVES PED Asst Prof Eart Physiol 12 B GRAVES PED Asst Prof Cent Physiol 12 B CHANTACK PED Asst Prof Cent Physiol 16 C KENT J PhD Pot Endocrinol 16 C KENT J PhD Pot Endocrinol 16 C KENT J PhD Pot Endocrinol 16 SF ILOWERY I PhD Assoc Prof Eart 17 W HILLIAMS Eart Prof Mat Plan 18 C YERRETT COMMERCENCEN PhD Assoc Prof Eart 18 C YERRETT COMMERCENCE PhD Assoc Prof Eart 18 C YERRETT SPD DATE 10 A NOSMAN PhD Asst Prof Mat Plan 11 F WOODRING Ph Apic 10 A ROSSMAN PhD Asst Prof Mat Plan 11 F WOODRING Ph Apic 12 F GRAVES PhD Assoc Prof Eart 13 C T CANTER PhD Asst Prof Mat Plan 14 S TYPICE MS Assoc Prof Eart 15 W HIGH J ST WOODRING Ph Apic 16 F WOODRING Ph Apic 17 W HITE PhD Asst Prof Amm Nutr 18 C W EMBAN ASS ASS PROF COMMEN 18 W HIGH J ST WOODRING Ph Apic 19 F WOODRING PhD Apic 10 F WOODRING PhD Apic 11 F WOODRING PhD Apic 11 F WOO					
SC ACACEENE SE Asst Spec Proj Leader Mars JOAN B CHAPIN MS Assoc Taxon JAD F CLOWER PhD Prof Ent EL J CONCIENTED ES Inst tent Cotton (PO Centerville) IJ A DAVISON PhD Asst Prof Genet SY W EARLE PhD Ent ST R EVERETT PLD Ent JS R SAME PROF PC Ext ST ES PHD Asst Prof Ext IS ST ESSEMMTZ AND Assoc Prof Ext IG C KENT Js PhD Prof Endocrinol SELANCHS E JACKSON PhD Assoc Prof Ext IG C KENT Js PhD Prof Endocrinol SEN LAMPREMENON PhD Ent SY LEAMER MONT PhD Ent SY LEAMER MONT PhD Ent INW H LONG PhD Assoc Prof Ext IS H LOWER ST PhD Assoc Prof Ext INW H CANCERS PhD Assoc Prof Ext INW H CANCERS PhD Assoc Prof Ext INW H CANCERS PhD Assoc Prof Ext INW H REAMS Js PhD Assoc Prof Ext IN H ROBERTS PhD Prof Invoc ID A ROSSMAN PhD Assoc Prof Ext IS STYPERS NA PhD Assoc Prof Ext IS STYPER PhD Assoc Prof Ext IS TYPERS NA PhD Assoc Prof Ext IS STYPER PhD Assoc Prof Ext IS TYPERS NA PhD Assoc Prof Ext IS STYPER PhD Assoc Prof Ext IS TYPER PhD Assoc Prof Ext IS STYPER PhD Assoc Prof Ext IS TYPER PhD Assoc Prof Ext IS TYPER PhD Assoc Prof Ext IS TYPER PhD Assoc Prof Ext IS THERM PhD Assoc Prof Ext IS TYPER PhD Assoc Prof Ext IS THERM PhD Assoc Prof Ext IS THERM PhD Assoc Prof Ext IS STYPER PhD Assoc Prof Ext IS THERM PhD Assoc Pro	2E C BURNS PhD A	ssoc Prof Ent			
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Louisiana-Maine Farm Demonstration Agents-Continued D C MITCHELL Catahoula Parish JL PERKINS East Baton Rouge Parish
F J ROBINSON Rapides Parish LEON ROBINSON St Landry Parish JEFFERY SCOTT Concordia Parish W T SENSLEY Union Parish T J SMITH Pointe Coupee Parish ALDERO STEVENSON West Feliciana Parish Home Demonstration Agents 4620 HAZEL ANDERSON Lincoln Parish ROSA P BLOCKWOOD East Baton Rouge Parish AZZIE P BLOW Bienville Parish ETTA P BREW St Martin Parish MARION D CANNON East Baton Rouge Parish ELSIE M CYRUS Morehouse Parish JUANITA B FRANKLIN Tangipahoa Parish MABLEAN J HOLT Avoyelles Parish MADREAN LEONARD Caddo Parish LUBERTHA B POWELL Madison Parish MILDRED R REEVES Caldwell Parish GEORGIA D SANDERS Franklin Parish HELEN SCHENEVERT Rapides Parish VIVIAN Y SMITH Grant Parish IDELL W SNOWDEN Natchitoches Parish CHARLENE B TERRELL Lafayette Parish IRENE H THIERRY St Landry Parish MARY B WICKER St Helena Parish CLYDE E WILSON Red River Parish MAINE College of Agriculture, the Agricultural Experiment Station, and the Agricultural Extension Service of the University of Maine, Orono 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 1L H ELLIOTT EdD Pres 123W C LIBBY MS Dean of Agr Dean of Col of Agr Dir of Univ Ext Dir of Coop Ext (Tel 866-7207) 2G F DOW PhD Dir of Sta (Tel 866-7344) 1F P EGGERT PhD Univ Dir Res 3E H BATES MS Assoc Dir Ext (Tel 866-7200)
12H W GORDON AB Treas 2E H PIPER MS Asst to Dir 1D H HUNTINGTON PhD Assoc Dean Animal Pathology
12J F WITTER DVM Head and Prof Anim Path 4640 12H L CHUTE DVM Prof Poultry Path 12MELVIN GERSHMAN MS Assoc Prof Poultry Path 2D C O'MEARA MS Assoc Prof Poultry Path
12D D PAYNE DVM Assoc Prof Anim Path 4650 **Animal Science** 123B R POULTON PhD Head and Prof Anim Nutr 12W P APGAR PhD Asst Prof Anim Nutr 12H H BRUGMAN PhD Assoc Prof Beef 3R A CORBETT MS Ext Dairyman

12H C DICKEY PhD Prof Dairy

23J C GOATER Jr BS Assoc Prof Livestock

12W H HOOVER PhD Asst Prof Anim Nutr 2P H KNOWLTON BS Tech

1H A LEONARD MS Prof Dairy

12A R WHITEHILL PhD Head and Prof Bact

1W M BAIN PhD Assoc Prof Bact 1C E BUCK PhD Assoc Prof Bact

3N R NESS BS Ext Dairyman

2L B NICHOLSON BS Instr 12P S YOUNG Herd Mgr

Biochemistry 12F H RADKE PhD Head and Prof Biochem 2P R BELYEA MS Asst Prof Chem 2J A BLEASE BS Instr Chem 2H E BRADBURY MS Asst Prof Chem 2G W CRAM BS Asst Prof Chem 12HERMAN DeHAAS PhD Assoc Prof Biochem 2J W FOSTER Tech 2E O MERRILL BS Assoc Prof Chem 2A S GETCHELL MS Assoc Prof Chem 1J T PEDLOW PhD Prof Biochem 2B E PLUMMER Jr MS Prof Chem 2G E RAMSDELL MS Assoc Prof Biochem 1JANET A SMITH PhD Asst Prof Biochem 2G A WADDELL Tech Bact **Botany and Plant Pathology** 12R J CAMPANA PhD Head and Prof Bot For 12G R COOPER PhD Prof Bot Physiol 1D P GREGORY PhD Asst Prof Bot 2M T HILBORN PhD Prof Plant Path Pomol Blueberry 1FAY HYLAND MS Prof Bot 2R C McCRUM MS Assoc Prof Plant Path Virol 12G A McINTYRE PhD Asst Prof Potatoes 2F E MANZER PhD Assoc Pror Plant Path Potatoes 2D C MERRIAM Tech Asst Potato 1C E MILLER PhD Assoc Prof Bot 1C D RICHARDS PhD Assoc Prof Bot 2D L SIROIS MS Tech Asst 5J B WILSON PhD Collab USDA Potatoes Economics (Agr and Business) 123W E PULLEN PhD Head and Prof Agr Bus and Econ 3L E CLARK MS Agr Bus Spec 12JOHANNES DELPHENDAHL PhD Asst Prof Resources Devlpmt 123STEPHEN HYATT MA Asst Prof Rural Sociol 12L J JEWETT MS Asst Prof Poultry Mktg 2E F JOHNSTON MS Assoc Prof Potato Handling

12H B METZGER PhD Prof Dairy Mktg

3F E MONTVILLE MS Ext Econ Resource Devlpmt 12A L PERRY PhD Prof Potato Mktg 12L A PLOCH PhD Prof Rural Sociol 3F D REED BS Poultry Mktg Spec
5R A RIES BS Collab USDA Potato Handling 13W E ROBINSON MS Asst Prof Mktg Spec Fruit and 12R F SAUNDERS PhD Prof Mktg 124D F TUTHILL PhD Assoc Prof Farm Mgmt 3E F WAKELIN BA Dist Recreation Spec Editorial 123H A KEYO BS Dir Public Inform and Public Serv 123C F CONNORS Inform Spec 123J G GARVIN Jr BS Inform Spec 123A F HARRISON BS Inform Spec 123D B TOLMAN Inform Spec 123G E WILDEY Inform Spec TV Engineering (Agr) 123B L BONDURANT MS Head and Prof 2J H HUNTER MS Asst Prof Potato Handling 3C W KITTRIDGE BS Asst Ext Engin 12C M MILNE MS Assoc Prof Structures
2L D PERKINS Tech Asst 12R B RHOADS MS Prof 12R J ROWE MS Asst Prof Forage 2S E SIDES BS Assoc Prof Potatoes 12NORMAN SMITH MS Assoc Prof 12H M SOULE Jr BS Instr 2J C THIBODEAU Tech Asst Potatoes 4660 2R L TODD Tech Asst Potatoes 3M R WARNER BS Ext Ergin

Entomology	4720	Plants and Soils—Continued
123G W SIMPSON PhD Head and Prof Potato		123L E LITTLEFIELD MS Instr
12L W BOULANGER PhD Prof Fruits		3P N MOSHER MS Potato Spec
12J B DIMOND PhD Assoc Prof For		2ELIZABETH F MURPHY MA Assoc Prof Hort Chem
2I N McDANIEL PhD Assoc Prof Veg		12H J MURPHY MS Assoc Prof Agron Potato Prod
2R E OLSON PhD Prof For		2Mrs JEAN S RICH Tech Asst Seed Anal
IE A OSGOOD Jr Asst Prof		13R E ROBERTS BS Veg Spec
5W A SHANDS MS Collab USDA Potato		5A E SCHARK PhD Collab USDA Potato Brdg
		2R F STAFFORD BS Tech Asst Forage
Extension Administration	4730	23W C STILES PhD Assoc Prof Pomol
3A E BENNETT MEd State Prog Coord		12M F TREVETT MS Prof Weeds Blueberries
3E W HACKETT Jr MEd Youth Educ Spec		
3C F HOLT MS Field Prog Coord		Poultry Science 478
3R S LEACH PhD Field Prog Coord		123F H BIRD PhD Head and Prof Poultry Sci
3K C LOVEJOY BS Youth Educ Spec		12N B FLOOD BS Poultry Plant Foreman
3S R MILLER BS Admin Off		12R W GERRY PhD Prof Poultry Nutr
3MARGARET F STEVENS BS Youth Educ Spec		12P C HARRIS PhD Asst Prof Avian Physiol
		2V R LITTLEFIELD Tech
Food Science	4740	2G W McWARD PhD Asst Prof Poultry Nutr
2M E HIGHLANDS PhD Head and Prof	7,70	2J W MYERS Tech
2D R CLARK BS Instr		3H C WHELDON Jr BS Poultry Spec
2J S GETCHELL MS Assoc Prof Poultry		2G V WILSON Tech
2J M HOGAN PhD Assoc Prof Potatoes		ad v million rear
2Mrs TATIANA ILLYN MS Instr Potatoes		Experimental Farms 479
and initial infill and instructions		Aroostook Form PO Presque Isle-
Forestry .	4750	2R M COBB BS Supt
123A D NUTTING BS Dir of School and Head of Dept		Blueberry Hill FC 1 PO RFD Addison-
12GREGORY BAKER MF Prof Wood Tech		2I C MASON MS Supt
1CHESTER BANASIAK MS Asst Prof Game Mgt		Highmoor Farm PO Monmouth
12F K BEYER MS Assoc Prof		2F J McDONALD BS Supt
3L P BISSELL MF For Spec		ZE 3 MCDONALD DS Supt
12S M BROCK PhD Asst Prof For Mktg		
12T J CORCORAN PhD Asst Prof For Econ		HARM AND
		MARYLAND
1M W COULTER MS Assoc Prof Game Mgt 12R H GRIFFIN PhD Assoc Prof Silvic		
1H L MENDALL MA Prof Game Mgt		Colleges of Agriculture and Home Economics, the Agr
1H A PLUMMER MF Assoc Prof For		cultural Extension Service of the University of Maryland,
12A G RANDALL MF Assoc Prof For		College Park
1S A SCHEMNITZ PhD Asst Prof Wildlife		-0.11 0.11 -0.11 -0.11 -0.11
12C E SCHOMAKER PhD Asst Prof Mensuration		1College Staff 2Station Staff 3Extension Staff
12H E YOUNG PhD Prof For		4Leave of Absence 5Coop USDA
u e		Time.
Home Economics ,	4760	480
123JANE H CROW PhD Dir School of Home Econ and	Proi	123W H ELKINS DPhil Pres of Univ
Home Econ		123G M CAIRNS PhD Dean of Agr (Tel WA 7-3800 Ext
1Mrs THELMA H BERRY PhD Assoc Prof Clothing		322)
1Mrs MARJORIE M DEVINE MS Instr Foods and Nu	III	21 C HAUT PhD Dir of Sta (Tel WA 7-3800 Ext 516)
13Mrs GLADYS H GROVES BA Form Life Spec		1SELMA F LIPPEATT PhD Deem of Col of Home Econ
3Mrs MARY V HOLT MS Home Mgt Spec		3E W AITON EdD Dir of Ext Serv (Tel WA 7-3800 Ext
1KATHERINE A MILES PhD Prof Child Devlpmt		320)
1Mrs FREIDA S MILLETT BS Instr in Inst Foods		IP R POFFENBERGER PhD Asst Decm Instr (Tel WA
1MARION E MINOT MS Asst Prof Home Econ Educ		7-3800 Ext 257)
12MERNA M MONROE MS Assoc Prof Housing		1RONALD BAMFORD PhD Dean of Grad Sch
1Mrs SHIRLEY DOLIVER MEd Lecturer		123 C W CISSEL MA Dir of Finance and Bus
3JEAN M SPEARIN MS Clothing Spec		A
1MARGARET E THORNBURY PhD Asst Prof Food	iand	Agronomy 481
Nutr		123J R MILLER PhD Assoc Prof Soil Fert and Head of
1D B VanDOMMELEN MA Asst Prof Design		Dept
3GENE M WEST MS Nutr Spec		12J H AXLEY PhD Assoc Prof Soils Chem
DI - Leui		12E H BEYER PhD Asst Prof Plant Brdg
	4770	2B W BYRD PhD Asst Prof Plant Brdg
123R A STRUCHTEMEYER PhD Head and Prof Soils		2N A CLARK PhD Asst Prof Forage Crops
13D A ABDALLA MS Blueberry Spec		12S R COLBY PhD Asst Prof Weed Control
2R M BAILEY BS Assoc Prof Genet		12A M DECKER Jr PhD Assoc Prof Forage Crops
12C S BROWN PhD Prof Forage		3C P ELLINGTON MS Asst Prof Forage Crops
12P N CARPENTER MS Assoc Prof Chem		12D S FANNING PhD Asst Prof Soil Min and Soil Class
1ROGER CLAPP MS Assoc Prof Hort Landsc		2J H HOYERT PhD Assoc Prof Tobacco
5ELIOT EPSTEIN PhD Collab USDA Soils		12C B KRESGE PhD Asst Prof Soil Fert
12H W GAUSMAN PhD Prof Agron Potato Nutr		1A O KUHN PhD Prof Crops
2M J GOVEN Tech Asst Potato Prod		3C G McKEE PhD Asst Prof Tobacco
5W J GRANT MS Collab USDA Soils		23J A MEADE PhD Asst Prof Weed Control
12P R HEPLER PhD Assoc Prof Hort Veg		3J L NEWCOMER MS Asst Prof Grain Crops
13V H HOLYOKE BS Crops Spec Forage		2J A POMERENING PhD Asst Prof Soil Classif
12F E HUTCHINSON MS Assoc Prof Soils and Seed		2R G ROTHGEB PhD Prof Plant Brdg
Anal		20 E STREET PhD Prof Tobacco
12W J KENDER PhD Asst Prof Hort Fruits		12EDWARD STRICKLING PhD Assoc Prof Soil Physics

Maryland 4820—4900

4820 Economics (Agr)-Continued **Animal Science** 3A R MEYER BS Assoc Prof Mktg Livestock Mktg
12J R MOORE PhD Assoc Prof Agr Econ Internatl Trade 123J E FOSTER PhD Prof and Head of Dept 12JOHN BURIC PhD Assoc Prof Anim Sci 3J R FERGUSON PhD Ext Assoc Prof Anim Sci and Mktg Structure 3E E GOODWIN PhD Ext Asst Prof Anim Sci 23R A MURRAY PhD Assoc Prof Agr Econ Mktg Outlook 12W W GREEN PhD Prof Anim Sci 12E C LEFFEL PhD Assoc Prof Anim Sci Prod Econ 3R W SCHERMERHORN PhD Ext Asst Prof Mktg Mgt 12H D SMITH PhD Prof Agr Econ Poultry Mktg Trans 12E P YOUNG PhD Asst Prof Anim Sci 3G A STEVENS PhD Ext Assoc Prof Agr Econ Prod 4830 Econ Botany 23D A SWOPE PhD Assoc Prof Agr Econ Fruit and Veg Prof and Head of Dept IRONALD BAMFORD PhD Prof of Bot Mktg 12W P WALKER MS Prof Agr Econ Taxation
124J W WYSONG PhD Assoc Prof Agr Econ Prod Econ 12A A BELL PhD Asst Prof Plant Path 1R G BROWN PhD Assoc Prof Bet 12R A GALLOWAY PhD Asst Prof Plant Physiol 12H G GAUCH PhD Prof Plant Physiol Editorial Acr Ed 3J G KANTZES PhD Assoc Prof Plant Path 23W L KLARMAN PhD Asst Prof Plant Path 123 123C H LIDEN MS Asst Prof 3M C BRENNAN BS Instrand Vis Aids Spec 3Mrs LINDA K CROWELL BS Inform Spec 12R W KRAUSS PhD Prof Plant Physiol 12L R KRUSBERG PhD Asst Prof Plant Path 3Mrs GENEVIEVE A DOHERTY Pub Asst 1JD LOCKARD PhD Asst Prof Bot
12D T MORGAN Jr PhD Prof Bot
23O D MORGAN Jr PhD Assoc Prof Plant Path 23S W FARWELL BA Instr and Vis Arts Spec 23R MILLER BS Asst Pub Ed 23W B NEFF BS Pubs Ed 12R A PATERSON PhD Assoc Prof Bot 12R D RAPPLEYE PhD Assoc Prof Bot 12H D SISLER PhD Assoc Prof Plant Path 3J W WAGNER Jr BS Inform and Radio Spec Education (Agr and Ext) 4870 3L O WEAVER PhD Prof Plant Path and State Plant 12V R CARDOZIER PhD Prof and Head of Dept Path 12H P ADDISON MS Asst Prof Ag Ed 23F J WILLIAMS PhD Asst Prof Plant Path 12I R JAHNS MS Asst Prof Comm Dev 4840 13R L JOHNSON PhD Asst Prof Ext Tng 12C R SMITH EdD Assoc Prof 123R F DAVIS PhD Prof and Head of Dept 123W S ARBUCKLE PhD Prof Mfg
23J L CASON PhD Assoc Prof Nutr 4880 Engineering (Agr) 123R L GREEN PhD Prof and Head of Dept 2R N DOETSCH PhD Prof Microbiol 2G J BURKHARDT MS Res Prof Agr Engin 12R W HEMKEN PhD Assoc Prof Nutr 5H J EBY BSChE Agr Engin
23K E FELTON MS Asst Prof Agr Engin 2IRA KATZ PhD Res Assoc Milk Chem 12MARK KEENEY PhD Prof Mfg 13G W GIENGER MS Assoc Prof Agr Engin 12W L HARRIS PhD Asst Prof Agr Engin 5E E JONES BSAE Agr Engin 12R L KING PhD Assoc Prof Mfg 12J F MATTICK PhD Assoc Prof Mfg 3J L MORRIS MS Ext Assoc Prof 3A V KREWATCH MS Ext Prof Agr Engin

134F V MATHEWS Jr MS Asst Prof Agr Engin

3C P MERRICK BSCE Ext Assoc Prof Agr Engin 3J R SCHABINGER MS Ext Asst Prof 1D J SEELY BS Instr Mfg 3W H SHEHAN BS Insp Dairy Sci 3L E STEWART MS Ext Inst Agr Engin 12W E STEWART PhD Assoc Prof Physiol 2P N WINN Jr MS Res Assoc Prof Agr Engin 2J H VANDERSALL PhD Asst Prof Nutr 12W F WILLIAMS PhD Assoc Prof Physiol 4890 Entomology 4850 123W E BICKLEY PhD Prof Ent and Head of Dept Economics (Agr) 13G J ABRAMS MS Asst Prof Apic 3T L BISSELL MS Assoc Prof Ent 123J M CURTIS PhD Prof and Head of Dept 3W W ANDERSON BS Mktg Spec Fruit and Veg Mktg 3R A BRAM MS Instr 123G M BEAL PhD Prof Agr Econ Tobacco and Dairy 2L P DITMAN PhD Prof Ent Mktg Policy 23CASTELLO GRAHAM PhD Assoc Prof Ent 23R J BEITER MS Instr Agr Econ Gen Mktg Coops 35W C HARDING Jr PhD Asst Prof Ent 12F P HARRISON PhD Asst Prof Ent 3J L CROTHERS Jr MS Asst Prof Mktg Field Crops and For Prod Mkta 1ELIZABETH E HAVILAND PhD Asst Prof Ent 12P W FOSTER PhD Assoc Prof Agr Econ Internatl Agr 12J C JONES PhD Assoc Prof Ent Res Devlpmt 23E R KRESTENSEN PhD Asst Prof 12W D GARDNER PhD Assoc Prof Agr Econ Taxation 3G S LANGFORD PhD Prof Ent (State Ent)
2KATHERINE A NELSON Mrs BS Asst and Res Devlpmt 13A B HAMILTON MS Assoc Prof Agr Econ 2A L STEINHAUER PhD Asst Prof Ent 3R C HAWES MS Prof Mktg Poultry Eggs Consum Mktg 5W G HEID MS Agr Econ Mkt Structure Res 3H H HOECKER BS Ext Asst Prof Agr Econ Fruit and 4900 Extension Veg Mktg Retail Prog ADMINISTRATION 12SIDNEY ISHEE PhD Assoc Prof Agr Econ Prod Econ 23R F McDONALD PhD Asst Prof Livestock and Grain 3E W AITON EdD Dir 3M G BAILEY MS Ext Asst Prof and Dist Agt Mktg and Mktg Structure 3R D CASSELL PhD Ext Assoc Prof and Asst Dir 3VIRGINIA McLUCKIE MS Ext Assoc Prof Consumer 3CHARLOTTE A CONAWAY MS Ext Asst Prof and Asst Food Mkta State 4-H Club Agt 3J E MAHONEY BS Chief of Mktg Serv 3L F GOYEN MS Ext Asst Prof and Asst State 4-H 23J C MANESS MS Instr Agr Econ Poultry and Egg Mktg 23J P MARSHALL PhD Asst Prof Agr Econ Prod Econ Club Agt 3EZELLE M HAWKINS MS Ext Asst Prof and Dist Agt Policy Res Devlpmt 3MARGARET T LOAR BS Ext Prof and Asst Home 12J E MARTIN PhD Asst Prof Agr Econ Mktg Econo-Demon Agt Leader metrics Prices

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4940

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Extension-Continued

3MARGARET OLIVER MA Ext Prof and Home Demon Aat Leader

3DONALD OSBURN MS Ext Asst Prof and Asst State 4-H Club Agt 3M G WELLING MS Ext Assoc Prof and Asst County

Aat Leader 3Mrs EVELYN S WHITEHOUSE MA Ext Prof and Asst

Home Demon Agt Leader 3W S WILSON BS Ext Prof and State 4-H Club agt HOME ECONOMICS

3LAVONIA HILBERT MS Ext Assoc Prof and Clothing

3ELIZABETH H LANGSDALE MEd Ext Asst Prof and

Home Furnishings Spec 3Mrs JEANNE S MOEHN BS Ext Assoc Prof and Fam Life Spec

3Mrs JUDITH A PHEIL BS Ext Asst Prof and Nutr Spec

Home Economics (Col)

ISELMA F LIPPEATT PhD Deam of College and Prof Home E.con

1LEDA A WILSON EdD Assoc Prof Home Econ 1HELEN I BROWN PhD Assoc Prof and Head of Dept of Food Nutr and Inst Mgt

12PELA F BRAUCHER MS Assoc Prof Food and Nutr 1Mrs ELISABETH COLLINS MS Asst Prof Food Nutr and Inst Mgt

1Mrs MARY S EHEART MS Asst Prof Food Nutr and Inst Mat

ISALLY LANZ MS Instr Food and Nutr 1Mrs MARGARET McKINLEY MS Instr Food and Nutr 1MARY V BRITTON PhD Lect Fam Life and Mgt
1VIRGINIA C KINCAID MS Lect Family Life
1Mrs RUTH ORVEDAL MS Asst Prof Fam Life and Mgt 1PAULA SUTTON MS Instr Fam Life and Mat 1CORNELIA BECKWITH MA Asst Prof Applied Art IVIENNA CURTISS EdD Prof Applied Art IFREMONT DAVIS Lect Applied Art 1Mrs DOROTHY LEWIS MS Lect Applied Art 1Mrs JULIE NISONGER BS Instr Applied Art 1S W ODLAND BS Instr Applied Art and Housing IJ B ROPER MS Asst Prof Applied Art

1T FAYE MITCHELL MS Prof and Head of Dept Textiles and Clothing

1EILEEN M HEAGNEY MS Asst Prof Textiles and Clothing

1Mrs ESTELLE KREINIK MS Instr Textiles and Cloth-

1Mrs JUNE C WILBUR MS Asst Prof Textiles and 1Mrs ELEANOR YOUNG MS Instr Textiles and Clothing

4920

123I C HAUT PhD Prof and Head of Dept 12R L BAKER MS Instr Ornam Hort

3H W DENGLER BS Ext Assoc Prof For

2W L HOLLIS PhD Res Assoc Prof Veg Crops

3H A HUNTER MS Ext Asst Prof Veg Crops

3C N JOHNSON BS Ext Asst Prof

12AMIHUD KRAMER PhD Prof Hort

12F J LAWRENCE MS Instr

123C B LINK PhD Prof Flor

23W A MATTHEWS MS Assoc Prof Veg Crops 12C W REYNOLDS PhD Assoc Prof Veg Crops

3B L ROGERS PhD Ext Assoc Prof Pomol 12K C SANDERSON MS Res Asst

12L E SCOTT PhD Prof Hort Physiol 123J B SHANKS PhD Prof Flor

2R J SNYDER PhD Assoc Prof Veg Crops

13K P SOERGEL MLA Asst Prof Landsc Gard

3G J STADELBACHER PhD Ext Asst Prof Pomol

123F C STARK Jr PhD Prof Veg Crops

123A H THOMPSON PhD Prof Pomol

12S H TODD BS Instr Hort

3B A TWIGG PhD Ext Assoc Prof Hort Proc

Horticulture-Continued

123R W WILEY PhD Assoc Prof Hort Proc

Poultry Science

123C S SHAFFNER, PhD Prof and Head of Dept 12G F COMBS PhD Prof Poultry Nutr 23R D CREEK PhD Assoc Prof Poultry Nutr

3E F GODFREY PhD Asst Prof Ext 123N V HELBACKA PhD Assoc Prof Poultry Mktg

3J L NICHOLSON BS Ext Asst Prof Poultry Sci

12G D QUIGLEY BS Assoc Prof Poultry Sci 2Mrs MARY SHORB PhD Res Prof Poultry Nutr

2W C SUPPLEE PhD Res Assoc Poultry Nutr 12F H WILCOX PhD Assoc Prof Poultry Physiol

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Soil Conserv

State Inspection Service

1A B HEAGY BS Assoc Prof (State Chem)

Veterinary Science 4960 12T A LADSON VMD Prof and Dir of Livestock Sanit

Serv

12A C BROWN VMD Asst Prof Vet Sci 12H M DeVOLT DVM Prof Avian Path

2B C HATZIOLOS DVM Assoc Prof Histopath

2R B JOHNSON BA Assoc Prof Physiol
12S B MOHANTY PhD Asst Prof Bovine Respiratory Res

2I M MOULTHROP DVM Prof Vet Sci

2G J PLUMER DVM Assoc Prof Vet Sci 2E J SCHULTZ VMD Asst Prof Mastitis Res

2R B SHILLINGER DVM Assoc Prof Vet Sci

Schools of Agriculture and Home Economics of Maryland State College, Princess Anne

1College Staff

4970

1J T WILLIAMS EdD Pres

1Mrs VIOLET J WOOD Dir of Admissions School (Tel 780)

Agriculture (General and Vocational Education)

1F H SMITH EdD Head of Dept and Prof of Anim Husb and Agr Mech

1C C MARION PhD Prof of Agr Ed and Tch Tr 1J V STRICKLAND MS Assoc Prof Poul and Econ

1M W VAUGHN PhD Prof of Agron and Dairy Tech

Home Economics

1CECELIA E HUMPHREY EdD Prof and Head of Dept 1 ALETHIA A ELPS MS Asst Prof of Cloth 1Mrs GRACE S MORTON MS Assoc Prof of Home Econ Ed and Tch Tr

1Mrs DEVENIA P WALLACE MS Asst Prof Foods

MASSACHUSETTS

College of Agriculture, the Agricultural Experiment Station, and the Agricultural Extension Service of the University of Massachusetts, Amberst

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA; USDI 6Control Service 7Military Leave

5000

1J W LEDERLE PhD Pres

1236A A SPIELMAN PhD Dean of Agr Dir of Sta Dir of Ext Serv (Tel Amherst Area Code 413 545-2766)

Economics (Agr and Food)-Continued 2R A DAMON Jr PhD Assoc Dir of Sta and Prof Bio-12D A STOREY PhD Assoc Prof Mktg Econ statis (Tel Amherst Area Code 413 545-2697) 1F P JEFFREY MS Assoc Dean of Agr and Dir of 5060 Stockbridge Sch (Tel Amherst Area Code 413 545-Engineering (Agr) 123R W KLEIS PhD (PE) Head of Dept 123J T CLAYTON PhD (PE) Prof Farmstead Engin 3J R BEATTIE MS Assoc Dir of Ext Serv (Tel Amherst 123W H COLLINS MS Asst Prof Farmstead Engin 2G A FITZGERALD MS Prof Food Handling Area Code 413 545-2715) 1236K W JOHNSON BS Treas 12S W FLETCHER MS Instr Food Facilities Layout 13C A JOHNSON MS (PE) Assoc Prof Util and Equip 5010 Agriculture (General) 1236D P ALLAN BA Admin Asst to Dean and Dir 12M L BLAISDELL BS Assoc Prof and Head Res and 13E A JOHNSON MS Asst Prof Agr Power 13R G LIGHT MS Asst Prof Farmstead Engin 12E S PIRA MS Asst Prof Util Prod Serv 13L F WHITNEY MS Assoc Prof Mach Design 123J W ZAHRADNIK MS (PE) Assoc Prof Proc Engin 2R A DAMON Jr PhD Assoc Dir of Sta and Prof 2MARGARET H O'DONNELL Assoc Dir of Sta (Fiscal)
3J F W SCHULZE MS Rural Civ Def Ext Spec
3H S VAUGHAN MPA Head of Ext Div of Agr Entomology and Plant Pathology 5070 123J H LILLY PhD Head of Dept 12G N AGRIOS PhD Asst Prof Fruit Path 12W M BANFIELD PhD Asst Prof For Path 5020 Agronomy 123W G COLBY PhD Head of Dept
12J H BAKER PhD Asst Prof Soil Chem
2E J BREDAKIS MS Instr Turf and Ornam
12MACK DRAKE PhD Prof Plant Chem 2W B BECKER PhD Assoc Prof For Ent 3C J GILGUT PhD Prof Ext Plant Path
1J F HANSON PhD Assoc Prof Insect Morphol
26F W HOLMES PhD Assoc Prof Shade Tree Path 26M A McKENZIE PhD Prof and Dir Shade Tree Lab 121. F MICHELSON PhD Asst Prof Plant Nutr 123R A SOUTHWICK MS Asst Prof Plant Genet 123JOSEPH TROLL MS Asst Prof Turf Path 12R A ROHDE PhD Assoc Prof Nematol 123F R SHAW PhD Prof Apic and Med Ent IMARION E SMITH PhD Assoc Prof Insect Taxon 123JONAS VENGRIS DAgrSci Assoc Prof Plant Toxicol 1H L SWEETMAN PhD Prof Ecol and Biol Control 12D V WADDINGTONMS Instr Soil Phys 123H E WAVE PhD Asst Prof Ext Ent and Insect Physiol 3M E WEEKS PhD Prof Soil and Crop Spec 13E H WHEELER PhD Prof Insect Biol 123H M YEGIAN MS Asst Prof Plant Genet 12J M ZAK MS Asst Prof Soil Chem Food Science and Technology 5030 Communications (Agr) 123W B ESSELEN PhD Commonwealth Head of Dept 3G E MOTTLA BA Head of Dept 2JOHN BELCK BS Instr 14N G COURNOYER LLB MBA Asst Prof Restaurant and Hotel Mat 3R H BUNN BS Assoc Prof 12I S FAGERSON PhD Prof Biochem 12F J FRANCIS PhD Prof Biochem and Plant Chem 5040 Dairy and Animal Science 13K M HAYES MS Prof Poultry Prod 123D J HANKINSON PhD Head of Dept 12D L BLACK PhD Assoc Prof Physiol 12W G BLACK PhD Prof Physiol 13R B BRUCE MS Asst Prof Anim Husb 12H O HULTIN PhD Assoc Prof Enzymology 12W M HUNTING PhD Asst Prof Anal Chem 12A S LEVINE PhD Prof Packaging
3R F LUKOWSKI MBA Ext Spec Restaurant and Hotel 13E M BUCK MS Asst Prof Meat Technol Mat 3B E COLBY MS Prof Livestock Spec 1D E LUNDBERG PhD Prof in Chg Restaurant and 3B R EASTWOOD MS Asst Prof Dairy Spec Hotel Mat 13D A EVANS MS Asst Prof Dairy Technol 12W W NAWAR PhD Assoc Prof Biochem
13F M SAWYER PhD Assoc Prof Biochem and Nutr
12C R STUMBO PhD Assoc Prof Microbiol 2HEINRICH FENNER PhD Asst Prof Nutr 12R C FOLEY PhD Prof Physiol 123S J LYFORD MS Asst Prof Nutr 1A L WRISLEY Jr MA Asst Prof Restaurant and Hotel Mat 2PEGGY A McCONNELL MS Instr Physiol 5090 Forestry and Wildlife Management 34C H PARSONS MS Prof Dairy Spec
13F E POTTER PhD Assoc Prof Dairy Technol 123A D RHODES MF Head of Dept 12H G ABBOTT MF Assoc Prof for Prot and Silvic 2EMMETT BENNETT PhD Prof Wood Chem 5050 Economics (Agr and Food) 12R S BOND MF Asst Prof Resource Econ 7A B COLE MF Instr 123JOHN BLACKMORE PhD Head of Dept 13E W BELL MS Prof Agr Econ 12C F COLE PhD Assoc Prof Fisheries Biol 12T S FOSTER MS Instr For Mgt 3J H BRAGG MS Asst Prof Agribus 2A A BROWN MS Prof Transport 123H B GATSLICK PhD Prof Wood Util 13J W CALLAHAN MS Asst Prof Agr Econ 34B D CROSSMON DPA Prof Mktg Mgt Spec 12FREDERICK GREELEY PhD Assoc Prof Wildlife Biol 12R B HOADLEY DF Asst Prof Wood Technol 3C R LOCKARD MF Assoc Prof Wood Util 13N E ENGEL MS Asst Prof Mktg Econ 3C E ESHBACH MPA Assoc Prof Food Mktg Spec 12W P MacCONNELL MF Prof For Mgt 12R A FITZPATRICK MS Assoc Prof Food Econ 12D L MADER PhD Assoc Prof For Soils and Ecol
4J C MAWSON MF Instr For Mensuration
5J A McCANN PhD Ldr of Mass Coop Fisheries Res 123J H FOSTER PhD Assoc Prof Resource Econ 23E I FULLER MS Asst Prof Prod Econ 12ELMAR JARVESOO DAgr Asst Prof Flor Econ Unit 12DEANE LEE MS Asst Prof Prod Mgt
13T W LEED PhD Prof Mktg Econ
13D R MARION MS Asst Prof Mktg Econ 3J H NOYES MF Prof For Mgt 3A J W SCHEFFEY PhD Assoc Prof Resource Policy 5W G SHELDON PhD Leader of Mass Coop Wildlife Res 13L D RHOADES BS Assoc Prof Farm Mgt Spec Unit 12SARGENT RUSSELL PhD Assoc Prof Agr Statis 5B C WENTWORTH PhD Mass Coop Wildlife Res Unit 5D K WETHERBEE PhD Mass Coop Wildlife Res Unit

1H G SPINDLER MBA Asst Prof Acct

4-H Club 5100	Regulatory Services (Feed Fertilizer Dairy Laws Seed
3M L HOWES PhD Head of Ext Div of 4-H and Youth	Laboratory)-Continued
Prog 3M W BOSS MEd Assoc Prof	6E F VLACH Asst Chem Feed and Fert
3MILDRED L HOWELL MA Assoc Prof	Veterinary Science 5170
34W W METCALFE MS Asst Prof	236G H SNOEYENBOS DVM Head of Dept
	6NARASIMHAN ADINARAYANAN B VS MS Instr Vet
Home Economics, School of 5110	Microbiol
13MARION A NIEDERPRUEM PhD Decar of Sch of Home Econ	26R E BOWEN DVM MS Instr Vet Microbiol
134J D BURROUGHS MS Prof Human Relat	36W K HARRIS DVM Prof Vet Microbiol 2R N LAROSE MS Professional Asst Microbiol
3VERDA M DALE MS Prof Home Mot	26E W MORIN DVM Instr Clin Path
13VIRGINIA DAVIS MS Assoc Prof Clothing	26OLGA M OLESIUK MS Asst Prof Microbiol
3WINIFRED I EASTWOOD MA Prof and Head of Ext Div	26IONA M REYNOLDS MS Instr Microbiol
of Home Econ	2MARTIN SEVOIAN VMD MS Prof Path
3BARBARA HIGGINS MS Prof Fam Econ 3Mrs ROSA S JOHNSTON MA Asst Prof Home Furnishings	126R E SMITH VMD Prof Clin Path 6C F SMYSER Jr MS Asst Prof Microbiol
13E K KNAPP MS Asst Prof Fam Econ	3D N STERN VMD Prof Ext Vet
13MARJORIE M MERCHANT MS Assoc Prof Consum Educ	2THEODORE TZIANABOS MS Instr Microbiol
3HARRIET J WRIGHT MS Assoc Prof Foods and Nutr	26HENRY VAN ROEKEL DVM PhD Commonwealth Prof
Horticultural Science 5120	Vet Microbiol
Horticultural Science 5120 123F W SOUTHWICK PhD Head of Dept	Substations 5180
12J F ANDERSON MS Instr Pomol	Substations 5180 Cranberry Sta PO East Wareham
23J S BAILEY MS Assoc Prof Small Fruit Spec	(Tel E Wareham Area code 617 CY 5-2212)
12A W BOICOURT MS Prof Flor	234C E CROSS PhD Head of Dept
1G B GODDARD PhD Asst Prof Plant Physiol	2F B CHANDLER PhD Prof Plant Genet
2J R HAVIS PhD Prof Plant Physiol 1R A JESTER MS Asst Prof Flor	23I E DEMORANVILLE MS Asst Prof Plant Path 23J S NORTON MS Assoc Prof Agr Engin
12W H LACHMAN MS Prof Plant Brdg	23W E TOMLINSON MS Prof Ent
3W J LORD PhD Asst Prof Pomol	2B M ZUCKERMAN PhD Prof Plant Path
12D N MAYNARD PhD Asst Prof Plant Physiol	Waltham Field Sta PO Waltham
3C L THOMSON MS Prof Veg Crops 1A P TUTTLE MS Asst Prof Hort	(Tel Waltham Area code 617 894 3420 or 894 3422)
2W D WEEKS PhD Assoc Prof Pomol	23J A NAEGELE PhD Head of Dept and Prof Ent 23P F BOBULA MS Instr Nurseryculture
on a madrial made i for i onlor	3N W BUTTERFIELD PhD Prof Flor
Institute of Agricultural and Industrial Microbiology 5130	2F J CAMPBELL BS Asst Prof Flor
12WARREN LITSKY PhD Commonwealth Prof and Dir	23C S CHATER MS Asst Prof Ent
2J H GREEN PhD Post Doctoral Fellow Microbiol Physiol	26G P FADDOUL DVM MS Prof Vet Sci 6G W FELLOWS AB Asst Prof Vet Sci
12H B GUNNER PhD Asst Prof Soil Microbiol	3H C FORDHAM BS Instr Flor
2W S MUELLER PhD Assoc Prof Disinfection	23W J GARLAND Instr Ent
2R W WALKER PhD Post Doctoral Fellow Microbiol	2R E INMAN PhD Asst Prof Shade Tree
Physiol	2J J McRITCHIE PhD Asst Prof Plant Path 2W A ROSENAU PhD Asst Prof Flor
Landscape Architecture 5140	2J A SNOW PhD Asst Prof Plant Path
1R H OTTO MLA Head of Dept	23W D WHITCOMB BS Prof Ent
1T S BACON Jr MCP Assoc Prof	23R E YOUNG MS Prof Veg Crops
1A D CAVEN MLA Asst Prof 1T S HAMILTON Jr MS Asst Prof	HICHICAN
1C P KANTIANIS MArch Asst Prof	MICHIGAN
IR L KENT Jr MLA Asst Prof	Michigan State University of Agriculture and Applied
IGSKINGMS Prof Arboriculture	Science and the Agricultural Experiment Station,
13H E MOSHER MLA Assoc Prof	East Lansing
1P N PROCOPIO MS Prof 1E D WHITNEY BS Instr	1College Staff 2Station Staff 3Extension Staff
12 O WELLINET DO THOU	4Leave of Absence 5Coop USDA
Poultry Science 5150	
123T W FOX PhD Head of Dept	STA HANNAH DODA AADAMD D
1234D L ANDERSON PhD Assoc Prof Nutr 13J W DENISON BS Instr Mktg and Mgt	1JA HANNAH BS DAGT LLD HHD Pres 1TK COWDEN PhD Decon of Col of Agr (Tel Code
13R M GROVER MS Asst Prof Poultry Spec	517-355-0232)
12W J MELLEN PhD Prof Avian Physiol	1R M SWENSON PhD Asst Dean of Col of Agr and Dir
12J R SMYTH Jr PhD Prof Avian Genet	of Res Instr (Tel Code 517–355-0236)
Regulatory Services (Feed Fertilizer Dairy Laws Seed	2L M TURK PhD Asst Dean of Col of Agr and Dir of Expt Sta (Tel Code 517—355-0123)
Laboratory) 5160	2R J ALDRICH PhD Asst Dir of Expt Sta
6J W KUZMESKI BS Prof in Charge	3N P RALSTON PhD Asst Dean of Col of Agr and
6R M CHECK BS Instr Feed and Fert	Dir of Ext Serv (Tel Code 517-355-2308)
67L V CROWLEY BS Asst Prof Feed and Fert	123P J MAY BBA Vice Pres for Bus and Finance - Treas
6C H EIBEN MS Asst Prof Seed Control 6Mrs GEORGIA P FRENCH MS Instr Feed and Fert	IM E MUELDER PhD Vice Pres for Res Devlpmt and Advanced Grad Studies
6BERTRAM GERSTEN MS Asst Prof Feed and Fert	. M. Wilcon Gran blumes
6W C LINCOLN Jr BS Instr Seed Control	Animal Husbandry 5200
6W N RICE PhD Assoc Prof and Dir of Seed Lab	1R H NELSON PhD Prof and Chmn of Dept
6C T SMITH MS Assoc Prof Feed and Fert	12L H BLAKESLEE PhD Assoc Prof Sheep

Animal Husbandry—Continued	Crop Science Formerly Farm Crops 5230
13G L BLANK MS Prof Sheep	1K T PAYNE PhD Prof and Chmn of Dept Plant Brdg
2L J BRATZLER MS Prof Meats	12M W ADAMS PhD Assoc Prof Plant Brdg and Genet
1R J DEANS PhD Assoc Prof Beef Cattle	12J B BEARD PhD Asst Prof Environmental Phys and
3W L FINLEY BS Asst Prof Beef Cattle	turf
1B H GOOD MS Prof and Supt of Farm	12H M BROWN MS Asst Prof
4H E HENDERSON PhD Prof Beef Cattle	23R W CHASE PhD Asst Prof Plant Phys
13R H HINES MS Instr Swine	1B R CHURCHILL MS Assoc Prof Crop Prod
12J A HOEFER PhD Prof Swine Nutr	12S T DEXTER PhD Prof Biophys Chem of Crops
15W T MAGEE PhD Assoc Prof Anim Brdg	12F C ELLIOTT PhD Prof Plant Brdg and Genet
13R A MERKEL PhD Assoc Prof Meats	3M H ERDMANN PhD Assoc Prof Crop Prod
4E C MILLER Jr MS Prof Swine	12E H EVERSON PhD Prof Plant Brdg and Genet
12E R MILLER PhD Assoc Prof Anim Nutr	12J E GRAFIUS PhD Prof Plant Brdg and Genet
3R E MORROW PhD Asst Prof 4-H Livestock	12C M HARRISON PhD Prof Crop Prod
2J E NELLOR PhD Assoc Prof Anim Physiol	3S C HILDEBRAND MS Asst Prof Crops
12H W NEWLAND PhD Assoc Prof Beef Cattle Nutr	125G J HOGABOAM PhD Agron-Asst Prof (Plant Brdg and
1HARLAN RITCHIE BS Instr Livestock	Genet) Collab
12D E ULLREY PhD Assoc Prof Anim Nutr	2H L KOHLS MS Asst Prof Crops
	2W F MEGGITT PhD Assoc Prof Phys and Weed Control
Bacteriology and Hygiene—See Veterinary Medicine	3L V NELSON MS Prof Crop Prod
,	125C R OLIEN PhD Agron-Asst Prof (Cereal Invest)
Biochemistry (Agr and Natural Sci) 52	10 Collab
12R G HANSEN PhD Prof and Chmn of Dept	13H R PETTIGROVE BS Assoc Prof Seed Improv
12R L ANDERSON PhD Asst Prof	12E C ROSSMAN PhD Prof Plant Brdg and Genet
2SELMA L BANDEMER PhD Assoc Prof	23D H SMITH MS Asst Prof
12E J BENNE PhD Prof	125F W SNYDER PhD Plant Physiol-Asst Prof (Sugar
12J A BOEZI PhD Asst Prof	Plant Invest) Collab
1R U BYERRUM PhD Prof	12M B TESAR PhD Prof Pasture and Forage Crops
12W C DEAL Jr PhD Asst Prof	12N R THOMPSON PhD Assoc Prof Plant Brdg and
2R J EVANS PhD Prof	Genet Association Find Genet
12J L FAIRLEY Jr PhD Pr of	2G F WENNER BS Asst Prof Foundation Seed
12P K KINDEL PhD Asst Prof	ZG F WENNER BO ASSI PIOT I ounded to it beed
1 = 1	Dairy 5240
12H A LILLEVIK PhD Assoc Prof	
2R W LUECKE PhD Prof	12C A LASSITER PhD Prof and Chmn of Dept
12A J MORE IS PhD Asst Prof	1D V ARMSTRONG BS Dairy Farm Mgr
12H M SELL PhD Prof	23L J BOYD PhD Assoc Prof
12J C SPECK Jr PhD Assoc Prof	12L D BROWN PhD Asst Prof
12C H SUELTER PhD Asst Prof	2CLAUDE DESJARDINS BS Res Instr
12N E TOLBERT PhD Prof	12R S EMERY PhD Assoc Prof
12W A WOOD PhD Prof	12H D HAFS PhD Asst Prof
	23DONALD HILLMAN PhD Assoc Prof
	23L A JOHNSON PhD Assoc Prof
Detail, and the transfer of	23C J LITTLE MS Asst Prof and Actg Supt Upper
12W B DREW PhD Prof and Chmn of Dept	Peninsula Expt Sta (PO Chathám)
25A L ANDERSEN PhD Assoc Prof	12L D McGILLIARD PhD Prof
1R S BANDURSKI PhD Prof	23C E MEADOWS PhD Prof
12E H BARNES PhD Asst Prof	3C C MILLER BS Field Dairyman
1J H BEAMAN PhD Assoc Prof	23D L MURRAY MS Prof
1H C BEESKOW PhD Assoc Prof	. 12W W SNYDER MS Assoc Prof
1E S BENEKE PhD Prof	3J A SPEICHER Inst
1E C CANTINO PhD Prof	12W J THOMAS PhD Prof
IJ E CANTLON PhD Prof	2H A TUCKER PhD Asst Prof
12DONALD CATION MS Assoc Prof	
1AUREAL CROSS PhD Prof	Economics (Agr) 5250
12D J deZEEUW PhD Prof	1L L BOGER PhD Prof and Chmn of Dept
12A E ELLINGBOE PhD Asst Prof	124J T BONNEN PhD Assoc Prof
14J C ELLIOTT PhD Assoc Prof	2D H BOYNE PhD Asst Prof
12N E GOOD PhD Assoc Prof	2J R BRAKE PhD Assoc Prof
12J H HART PhD Asst Prof	3L H BROWN PhD Prof
12W J HOOKER PhD Prof	5ML COTNER MS Econ
14H A IMSHAUG PhD Assoc Prof	13G K DIKE PhD Asst Prof
2ALEKSANDER KIVILAAN PhD Asst Prof	3J C DONETH MS Prof
23E J KLOS PhD Assoc Prof	24C K EICHER PhD Asst Prof
1I W KNOBLOCH PhD Prof	3E M ELWOOD MS Asst Prof
12J L LOCKWOOD PhD Assoc Prof	13J N FERRIS PhD Asst Prof
1L W MERICLE PhD Prof	23W S GREIG FhD Assoc Prof
	12R L GUSTAF'SON PhD Assoc Prof
25D L MUMFORD PhD Asst Prof 2H H MURAKISHI PhD Assoc Prof	3R T HARTWIG MS Asst Prof (PO Marquette)
	12D E HATHAWAY DPA Prof
12RAY NELSON PhD Prof	
1C J POLLARD PhD Asst Prof	12R G HEIFNER PhD Asst Prof
3HS POTTER PhD Asst Prof	12C G HILDRETH PhD Prof
1G W PRESCOTT PhD Prof	12E B HILL MS Prof
12R P SCHEFFER PhD Assoc Prof	2C R HOGLUND MS Assoc Prof
3N A SMITH PhD Asst Prof	13A E HOUSE PhD Asst Prof
1G B WILSON PhD Prof	5G D IRWIN PhD Asst Prof Agr Econ
IL G WILSON PhD Asst Prof	124G L JOHNSON PhD Prof

Economics	(Agr)-Continued
economité à	(Agr)-Continued

12L E JUERS PhD Assoc Prof 13M P KELSEY PhD Asst Prof

13L R KYLE PhD Assoc Prof

123HE LARZELERE PhD Assoc Prof 5R A LOOMIS MS Econ

123GLYNN McBRIDE PhD Assoc Prof 3Mrs ANITA E McMILLEN MS Instr

12L V MANDERSCHEID PhD Asst Prof

13ARTHUR MAUCH PhD Prof

12J M NIELSON PhD Prof

5D L OLDENSTADT MS Econ

12H MRILEY PhD Prof 12A A SCHMID PhD Asst Prof 12J D SHAFFER PhD Prof 12J L SORENSON PhD Assoc Prof

3W A TINSLEY PhD Asst Prof

12ORION ULREY PhD Assoc Prof 1W H VINCENT PhD Prof

1234R G WHEELER PhD Assoc Prof

12L W WITT PhD Prof

5M E WIRTHMS Econ

3G P WOOD PhD Assoc Prof 12K T WRIGHT PhD Prof

3MARYD ZEHNER MS Instr

Education (Col of)

IW B HAWLEYMA Prof and Asst Dean (Off of Curriculum and Prog)

ILAWRENCE BOROSAGE PhD Prof Col of Educ Indus Educ

1H M BYRAM PhD Prof Col of Educ Agr Educ 1R M CLARK EdD Assoc Prof Col of Educ Agr Educ 1K R CLAY MA Instr Col of Educ Indus Educ

114G W FERNS PhD Asst Prof Col of Educ Indus Educ 1R A GARNER PhD Asst Prof Col of Educ Agr Educ 1PETER HAINES PhD Assoc Prof Col of Educ Bus Educ THELEN HOLLANDSWORTH EdD Assoc Prof Col of Educ Home Econ Educ

IC B MacLEAN Jr PhD Asst Prof Col of Educ Indus

10 D MEADERS EdD Asst Prof Col of Educ Agr Educ 1Mrs BEATRICE O'DONNELL PhD Assoc Prof Col of Educ Home Econ Educ

1TWYLA SHEAR MS Instr Col of Educ Home Econ Educ 1H P SWEANY PhD Assoc Prof Col of Educ Agr Educ 1G E TIMMONS EdD Assoc Prof Col of Educ Agr Educ IMETA VOSSBRINK PhD Assoc Prof Col of Educ Home Econ Educ

Engineering (Agr)

1A W FARRALL DEng Prof and Chmn of Dept 1C F ALBRECHT MA Assoc Prof 12A F W BAKKER PhD Asst Prof

IW G BICKERT MS Instr IR H BITTNER PhD Asst Prof

12J S BOYD PhD Prof

12F H BUELOW PhD Assoc Prof

3BF CARGILL PhD Asst Prof Ext

123W O CARVER MS Draftsman 3W A CUTLER BS Asst Prof Ext 3C M EDWARDS MS Assoc Prof

124M L ESMAY PhD Prof 1F P GEYER MS Asst Instr

IW E GLEASON MS Asst Instr

12C W HALL PhD Prof 12C M HANSEN MA Asst Prof 2D R HELDMAN MS Res Assoc

1C C HUXSOLL MS Asst Instr

12E H KIDDER MS Assoc Prof

5J H LEVINMS Head Fruit and Veg Harvesting Invest

124H F McCOLLYMS Prof 12C J MACKSON PhD Assoc Prof

3R L MADDEX MS Assoc Prof Ext

3ELDON MARET BS Asst Coordinator Rural Civ Def

INF MEADOR MS Asst Instr

Engineering (Agr)-Continued

2JOSEPH MOLITORISZ BS Instr

5G E MONROE BS Agr Engin 5R E PARKER MS Agr Engin

3R G PFISTER PhD Asst Prof Ext 12W H SHELDON BS Asst Prof

3C K SPILLMAN MS Instr

12E C STEGMAN MS Instr 3V I STINE BS Coordinator Rural Civ Def

12BA STOUT PhD Assoc Prof

2R E STROHMAN MS Res Assoc

124R Z WHEATON MS Instr

3R G WHITE MS Asst Prof Ext 12D E WIANT MS Prof

5R J WOLTHUIS BS Engin Aid

Entomology

12G E GUYER PhD Prof and Chmn of Dept

12J W BUTCHER PhD Assoc Prof

3A C DOWDY PhD Assoc Prof 1R L FISCHER PhĎ Assoc Prof 2J R HOFFMAN PhD Assoc Prof

1ROGER HOOPINGARNER PhD Asst Prof

2A J HOWITT PhD Assoc Prof

3R L JANES PhD Prof

2J A KNIERIM PhD Asst Prof 123E C MARTIN PhD Assoc Prof

2R F RUPPEL PhD Assoc Prof 3P H WOOLEY PhD Prof

Extension

5290

5280

ADMINISTRATION

5260

5270

3N P RALSTON PhD Prof and Asst Dean Col of Agr and Dir Ext

3H A BERG MS Prof and Asst Dir Spec Prog FINANCE

3F R FLADSETHMS Budget Asst PROGRAM LEADERS AND STAFF (Agr)

3R W BELL MS Prof and Asst Dir Agr

(4-H and Other Ext Youth Prog)

3R G MAWBY PhD Prof and Asst Dir 4-H Club Prog 3D A DYER PhD Asst Prof Prog Spec 4-H Club Work

3E L FIMBINGER BS Dist Ext Agt for Youth UP (PO Marquette)

3A M PETERSON MA Asst Prof and Recreation Spec 4-H Clubs

3W E TEDRICK MA Prog Spec 4-H Club Work

3M AMALIE VASOLD MA Asst Prof and Asst State 4-H Club Ldr

3J T WATERSON MS Prog Spec 4-H Club Work 3MARIE A WOLFE MS Asst Prof and Asst State 4-H

Club Ldr

3MARY J E WOODWARD MA Asst Prof and Asst State 4-H Club Ldr

(Family-Living-Home Economics)

3Mrs MIRIAM J KELLEY BS Prof and Asst Dir Home

3L GERTRUDE NYGREN PhD Prof and Prog Asst Home Econ

3RUTH J PECK MA Assoc Prof and Prog Asst Home

3MARGARET M JACOBSON PhD Dist Prog Ldr Home Econ UP (PO Marquette)

3DORIS E WETTERS MS Asst Prof Asst Prog Ldr Home

(Marketing)

134R C KRAMER PhD Prof and Asst Dir Mktg

(Resource Devlpmt and Comm Affairs)

130 U BLANK PhD Assoc Prof Assoc Dir Instr for Comm Devlpmt

13W J KIMBALL PhD Assoc Prof and Prog Ldr Resource Dev

13D L GIBSON PhD Prof and Asst Dir Comm Res Develop DISTRICT DIRECTORS 3D A CAUL PhD Assoc Prof and Dist Ext Dir West

Extension-Continued 13A S MOWERY PhD Assoc Prof and Dist Ext Dir UP (PO Marquette) 3B E MUSGRAVE MS Dist Ext Dir South Central 3E G OLSTROM MS Dist Ext Dir Northeast 3G E PARSONS MS Dist Ext Dir East 3F J PEABODY MS Dist Ext Dir Northwest INST FOR EXT PERS DEV 13M E MILLER MS Dir Inst for Ext Pers Devlpmt 123C J COUCH PhD Asst Prof and Ldr Ext Commun Res 134J C FERVER PhD Asst Prof and Ldr Ext Pers Devlpmt Fisheries and Wildlife 1P I TACK PhD Prof and Zool and Chmn of Dept 12R C BALL PhD Prof and Zool 3R W GEORGE MS Ext Spec Conserv 4-H 12L W GYSEL PhD Assoc Prof 1G W MOUSER PhD Assoc Prof 1G A PETRIDES PhD Prof and Zool 1M D PIRNIE PhD Prof and Zool 12E W ROELOFS PhD Assoc Prof 1CHARLES SHICK MS Asst Prof Game Mgt Ext Spec 5310 12B S SCHWEIGERT PhD Prof and Chmn of Dept 12C L BEDFORD PhD Prof 12G A BORGSTROM PhD Prof 12L J BRATZLER MS Prof 12J R BRUNNER PhD Prof 12L E DAWSON PhD Prof 12L R DUGAN Jr PhD Assoc Prof 12L G HARMON PhD Prof 12T I HEDRICK PhD Prof 12J M JENSEN MS Assoc Prof 12R V LECHOWICH PhD Asst Prof 12PERICLES MARKAKIS PhD Asst Prof 12R C NICHOLAS PhD Assoc Prof 12A M PEARSON PhD Prof 12I JPFLUG PhD Prof 3J F PRICE PhD Asst Prof 23A L RIPPEN MS Asst Prof S H SCHANDERL PhD Asst Prof 12C M STINE PhD Assoc Prof 12G M TROUT PhD Prof 5320 Forest Products 1A J PANSHIN PhD Prof and Chmn of Dept 1E A BEHR PhD Assoc Prof 2H C BLAKE MS Res Assoc Packaging 1D V BROUSE MS Res Assoc Packaging 1J W GOFF PhD Prof Packaging 3H A HUBER MS Asst Prof 1W BLLOYD MS Prof 2H E LOCKHART MS Res Assoc Packaging 12Å A MOSLEMI MS Instr 1D L OLSSON MS Instr Packaging 12B M RADCLIFFE MS Assoc Prof Residential Constr 12H J RAPHAEL PhD Assoc Prof Packaging 4A W SLIKER PhD Asst Prof 12OTTO SUCHSLAND PhD Asst Prof 12A E WYLIE PhD Prof 5330 1T D STEVENS PhD Prof and Chmn of Dept 12J W ANDRESEN PhD Asst Prof 3L E BELL MS Prof 12J N BRIGHT BS For Fred Russ Forest (PO Decatur) 1W I BULL BSF Assoc Prof and Supt of Nurseries 1L A CARTER MS Asst Prof

Sault Ste Marie)

12L M JAMES PhD Prof

Augusta)

2KARL DRESSEL MF Assoc Prof

1R K HUDSON PhD Asst Prof

3R E SKOG MF Asst Prof (PO Marquette)

12D P WHITE PhD Assoc Prof

12J W WRIGHT PhD Assoc Prof 5340 Home Economics 1Mrs THELMA PORTER DSc PhD Dean of Col and Prof Home Econ IJEANETTE A LEE MS Asst Dean 1ROSALIND B MENTZER PhD Asst to Dean
12Mrs PEARL J ALDRICH PhD Coordinator of Res 1Mrs BEATRICE LEONARDSON MS Coordinator of Cont Educ IDENA C CEDERQUIST PhD Prof and Chmn of Foods and Nutr IMARY L. GEPHART PhD Prof and Chmn of Textiles Clothing and Relat Arts 1KATHERINE M HART MS Prof and Chmn of Inst Admin 1Mrs ALICE C THORPE PhD Prof and Chmn of Home Mat and Child Devlpmt IMARIELLA AIKMANMS Teacher in Spartan Nursery
Sch Home Mgt and Child Devlpmt 12DOROTHY A ARATA PhD Assoc Prof Foods and 1Mrs EVELYN AUGUSTIN MS Instr Foods and Nutr 3GEORGIANNE BAKER MS Instr (Home Mgt)
1Mrs NIXOLA BAYLE MA Asst Prof Textiles Clothing and Relat Arts 1ARLENE BJORNGAARD MA Asst Instr Textiles Clothing and Relat Arts IBERNICE D BORGMAN PhD Prof Home Mgt and Child Devlomt 1Mrs VERA D BOROSAGE MA Instr Home Mgt and Child Devlomt 1MARY C COLEMAN MS Instr Foods and Nutr 1MABEL R COOPER MA Asst Prof Textiles Clothing and Relat Arts 1Mrs MARTHA E DALE PhD Asst Prof Home Mgt and Child Devlpmt 1H C DAYMA Asst Instr Textiles Clothing and Related Arts 3Mrs ANITA J DEAN MS Asst Prof Foods and Nutr 1Mrs BARBARA B DESKINS MS Instr Foods and Nutr 2DORIS M DOWNS MS Instr Inst Admin 124Mrs JOANNE BEICHER PhD Asst Prof Textiles Clothing and Relat Arts NESTHER EVERETT MA Assoc Prof Home Mgt and Child Devlpmt 3MARIE J FERREE MS Asst Prof Foods and Nutr IBETTY J GARLICK MA Teacher in Cha of Spartan Nursery Sch Home Mgt and Child Devlpmt BEATRICE V GRANT MA Prof Foods and Nutr 1Mrs THELMA D HANSEN MA Instr Home Mgt and Child Devlomt 12T F IRMITER PhD Assoc Prof Foods and Nutr 1MILDRED L JONES MS Assoc Prof Inst Admin and Asst Mgr Residence Halls 3BERNETTA G KAHABKA MS Assoc Prof (Clothing)
1ANNE P KERNALEGUEN MA Asst Prof Textiles Clothing and Relat Arts 3LUCILE KETCHUM MA Assoc Prof (Home Mgt) 1FAYE KINDER MS Assoc Prof Foods and Nutr 1Mrs JO ANNE LIFSHIN MA Instr Home Mgt and Child Devlpmt 1BARBARA L LODER MS Instr Textiles Clothing and Relat Arts 1 JEAN A McFADDEN BS Instr Inst Admin 12M W DAY MS Asst Prof and Supt Dunbar Forest (PO 12Mrs FRANCES K MAGRABI PhD Assoc Prof Home Mgt and Child Devlpmt 13W C MARSHALL PhD Assoc Prof Home Mgt and Child Devlpmt IGRACE MASUDA MS Spec Inst Admin 12WALTER LEMMIEN MS For W K Kellogg For (PO 1DEMETRA MEHAS MEd Asst Prof Textiles Clothing and Belat Arts

Forestry-Continued

12P W ROBBINS MS Assoc Prof 12V J RUDOLPH DF Assoc Prof

Home Economics - Continued Horticulture-Continued 12OLAF MICHELSON PhD Prof Foods and Nutr 12F L O'ROURKE MS Asst Prof Oma 2C E PETERSON PhD Prof Veg Brdg 2GRACE A MILLER PhD Assoc Prof Inst Admin 1ELAINE M MISHLER MS Asst Prof Inst Admin 1MARY L MORR MS Asst Prof Foods and Nutr 12S K RIES PhD Assoc Prof Veg Crops 12K C SINK Jr PhD Assoc Prof Veg Crops
12K C SINK Jr PhD Assoc Prof Flor
12R F STINSON PhD Assoc Prof Flor
3J L TAYLOR PhD Asst Prof Youth Prog
2L J TOLLE Jr MS Instr Flor 13Mrs PORTIA M MORRIS PhD Assoc Prof Foods and Nutr 1Mrs ELEANOR MULLIKIN MA Instr Textiles Clothing 4H B TUKEY PhD Prof Pomol
12D P WATSON PhD Prof Orma
12C E WILDON PhD Prof Flor
12S H WITTWER PhD Prof and Relat Arts 1Mrs ELINOR NUGENT PhD Assoc Prof Textiles Clothing and Relat Arts 1Mrs JOSEPHINE OUDYN MA Instr Home Mgt and Child Devlomt IBEATRICE PAOLUCCI PhD Prof Home Mgt and Child Information Services 5360 Devlpmt 1W L TREASTER BS Prof and Chmn of Dept 2MARK ALLEN BS Expt Sta Ed 2PHILIP COLEMAN MS Expt Sta Photog 3Mrs EUNICE A PARDEE MA Asst Prof (Home Mgt) 13E O PEISNER EdD Assoc Prof Home Mgt and Child 3D E GREGG BA Ext Pubs Ed 3J A HARRISON BS Inform Spec TV and Vis Aids Devlomt 3MARGARET D REED MA Instr (Clothing)
1Mrs RUTH B SANDS MS Spec Inst Admin 3R R KARNS BS Asst Ext Pub Ed 14RACHELLE SCHEMMEL MS Instr Foods and Nutr 3FRANK LESSITER BS Asst Ext Ed 12Mrs M JEAN SCHLATER PhD Assoc Prof Home Mgt 2JOSEPH MARKS BS Asst Expt Stg Ed and Child Devlpmt 23H L MILLER PhD Asst Prof Proj Ldr Ext-Expt Sta 2Mrs PEGGY SCHOMAKER PhD Asst Prof Home Mgt and Child Devlomt 3SHARONNELTON BA Inform Spec Home Econ 2E C RICHARDSON MS Assoc Prof Ext Inform Spec 3JEANE SCHUBEL MA Instr Textiles Clothing and Relat Arts 1Mrs CAROL W SHAFFER MA Instr Home Mgt and Poultry Science 5370 Child Devlpmt 1H C ZINDEL EdD Prof and Chmn of Dept IMARY A SHIPLEY MA Assoc Prof Textiles Clothing 2R J AULERICH MS Tech-Mink and Relat Arts 12L R CHAMPION PhD Prof 1F M STEFANES MFA Instr Textiles Clothing and Relat 12T H COLEMAN PhD Prof 12J A DAVIDSON BS Prof 1BETTIE S TORREY MA Instr Home Mgt and Child 2ELLEN J FRANKEL Tech 2S U KELLERUP MS Tech Devlpmt 1MYRTLE VAN HORNE MS Asst Prof Foods and Nutr 2R K RINGER PhD Assoc Prof 12A M VENER PhD Assoc Prof Textiles Clothing and 12P J SCHAIBLE PhD Prof 3C C SHEPPARD PhD Assoc Prof Relat Arts 1KAREN E VOGT MA Instr Home Mgt and Child Devlpmt 1HELEN L WIDICK MS Asst Prof Inst Admin 2Mrs MARJORIE J TETZLAFF Tech 3W K WARDEN PhD Asst Prof 3J H WOLFORD PhD Asst Prof 1Mrs ELIZABETH A WILCOX BS Asst Instr Home Mgt and Child Devlpmt 2J D YATES MS Tech 1Mrs STEPHANIA B WINKLER MA Asst Prof Textiles Clothing and Relat Arts Radio 2Mrs MARYE ZABIK MS Instr Foods and Nutr 1Mrs PATRICIA ADAMS BA Home Econ Ed WKAR AM and WKAR FM Radio Horticulture 5350 1A W BOROUGHS BA Form Ed WKAR AM and WKAR 1H J CAREW PhD Prof and Chmn of Dept FM Radio 23H K BELL PhD Assoc Prof 1R D ESTELL BA Mgr WKAR AM and WKAR FM Radio 23M J BUKOVAC PhD Assoc Prof Pomol 2R F CARLSON PhD Assoc Prof Pomol 12R L CAROLUS PhD Prof Veg Crops Resource Development 1RALEIGH BARLOWE PhD Prof and Chmn of Dept 12HAROLD DAVIDSON PhD Assoc Prof Oma 3G P GRAFF PhD Asst Prof Soil and Water Conserv 123R R DEDOLPH PhD Asst Prof Veg Crops 3R G HILL MS Prof Soil and Water Conserv 123D H DEWEY PhD Prof Pomol
23D R DILLEY PhD Asst Prof Pomol
23J D DOWNES PhD Assoc Prof Veg Crops
1F W FREEMANMS Asst Prof and Curator Hidden Lake 12C R HUMPHRYS PhD Prof Water Resource Devlpmt 13W J KIMBALL PhD Assoc Prof Area Devlpmt 2D N MILSTEIN PhD Asst Prof Regional Anal 2L M REID MS Instr Park Admin Gardens (PO Tipton) 12M H STEINMUELLER PhD Asst Prof Area Devlpmt 2H P GASTONMS Asst Prof Pomol 12C L HAMNER PhD Prof Pomol 13L F TWARDZIK ReM Asst Prof Park Admin 3E T G M VANNIEROP PhD Asst Prof Watershed 2SHIGEMI HONMA PhD Assoc Prof Veg Brdg Devlpmt 2STANLEY JOHNSTON MS Prof and Supt South Haven Expt Sta (PO South Haven) Short Courses 12A L KENWORTHY PhD Prof Pomol 5400 1H A HENNEMAN PhD Prof and Dir 1HWKEPPELER MS Instr Flor 1G M KESSLER PhD Asst Prof Pomol 1H J ECKER PhD Assoc Prof 1D H SHEPARD MS Asst Prof 1D L ANDERSON MS Asst Instr 13P R KRONE BS Prof Flor 23R P LARSEN PhD Assoc Prof Pomol 1C E LEWIS MS Assoc Prof Orna 12R S LINDSTROM PhD Assoc Prof Flor

Sociology and Anthropology

12J A BEEGLE PhD Prof

1W B BROOKOVER PhD Prof 1J A DONOGHUE PhD Asst Prof 1W A FAUNCE PhD Assoc Prof

1JOHN USEEM PhD Prof and Chmn of Dept

12J W ARTIS PhD Prof and Assoc Chmn

2DERAN MARKARIAN PhD Asst Prof Veg Brdg

12R A MECKLENBURG PhD Asst Prof Flor

12J E MOUL TON PhD Assoc Prof Fruit Brdg 3C W NICKLOW PhD Asst Prof Veg Crops

123A E MITCHELL PhD Prof Pomol

Sociology and Anthropology-Continued

1W H FORM PhD Prof Res

IW E FREEMAN PhD Prof

1B GALLIN PhD Asst Prof 1D L GIBSON PhD Prof

IDAVID GOTTLIEB PhD Assoc Prof

1J T GULLAHORN PhD Assoc Prof

12A O HALLER PhD Prof

iC R HOFFER PhD Prof

1J C HOWELL PhD Assoc Prof 1C C HUGHES PhD Assoc Prof

1IWAO ISHINO PhD Prof 12C P LOOMIS PhD Prof (Res) 23S G LOWERY PhD Assoc Prof

1J B McKEE PhD Prof

1MS MAXWELL PhD Prof

23E O MOE PhD Prof 1F W NALL PhD Asst Prof

1D W OLMSTED PhD Assoc Prof 23CHRISTOPHER SOWER PhD Prof

12ROBERT STEWART PhD Asst Prof

124F B WAISANN PhD Assoc Prof

1HANS WOLFF PhD Prof

Soil Science

5420

18 L COOK PhD Prof and Chmn of Dept
12 F DAVIS PhD Prof
3E C DOLL PhD Assoc Prof
2R H DOWDY MS Asst Instr
12B G ELLIS PhD Assoc Prof

25CLARENCE ENGBERG MS Res Assoc Soil Conserv

12A E ERICKSON PhD Prof

12H D FOTH PhD Prof

2W H JUDY BS Asst Instr 4KIRKPATRICK LAWTON PhD Prof

13R E LUCAS PhD Prof 2J R MELTON BS Asst Instr

12M M MORTLAND PhD Prof

2ROGER PENNOCK Jr MS Res Instr

1C D PIPER MS Instr

3J A PORTER MS Assoc Prof 2P E RIEKE PhD Asst Prof

123L S ROBERTSON PhD Prof

12I F SCHNEIDER BS Assoc Prof 23J C SHICKLUNA PhD Chem

2D L THURLOW MS Res Assoc 123JAMES TYSON PhD Prof

2D F WAGNER MS Asst Instr

2R P WHITE MS Asst Instr 12E P WHITESIDE PhD Prof 12A R WOLCOTT PhD Assoc Prof

123L A WOLFANGER PhD Prof

Veterinary Medicine

5430

1W W ARMISTEAD DVM PhD Dean of Col

1B V ALFREDSON DVM MS Prof and Chmn of Dept of Physiol and Phantacol

1C C BECK DVM MS Asst Prof Surg and Med

1R C BELDING DVM PhD Assoc Prof Microbiol and Pub Health

1E J BICKNELL DVM MS Instr Surg and Med

1W O BRINKER DVM MS Prof and Chmn of Dept of Surg and Nied

12A L BRITT DVM MPH Asst Instr vet Path
1R E BROWN DVM MS Asst Prof Anat
1C F CAIRY DVM MS Prof Physiol and Pharmacol

1M LOIS CALHOUN DVM PhD Prof and Chmn of Dept

1W D COLLINGS PhD Prof Physiol and Pharmacol

12G H CONNER DVM PhD. Prof Surg and Med

12R N COSTILOW PhD Prof Microbiol and Pub Health 12C H CUNNINGHAM DVM PhD Prof Microbiol and Pub Health

Veterinary Medicine-Continued

1I L DAHLJELM MS Asst Prof Microbiol and Pub Health
1J B DALLEY DVM Instr Surg and Med

1E D DEVEREUX PhD Prof Microbiol and Pub Health and Asst Dean of Col

2A R DRURY DVM MS Asst Prof Surg and Med 12C C ELLIS DVM PhD Assoc Prof Vet Path

1D J ELLIS DVM MS Asst Prof Surg and Med and Dir of Farin Vet Serv

1L C FERGUSON DVM PhD Prof Microbiol and Pub Health

1W L FRANTZ PhD Asst Prof Physiol and Pharmacol 4P O FROMM PhD Asst Prof Physiol

2L S GOYINGS DVM MS Instr Vet Path

2J R HOFFERT PhD Res Assoc Phys & Pharm

21 F HUDDLESON DVM PhD Prof (Res) Microbiol and Pub Health

1R T JACOBS DVM Instr Anat 1T W JENKINS PhD Assoc Prof Anat

1R F JOHNSTON DVM PhD Assoc Prof Physiol and

120 W KAUFMANN PhD Assoc Prof Microbiol and Pub Health

12K K KEAHEY DVM PhD Asst Prof Vet Path

1W F KELLER DVM MS Asst Prof Surg and Med

IR F LANGHAM DVM PhD Prof Vet Path

4W D LINDQUIST DSc Prof Microbiol and Pub Health
1Mrs MARY J LONG MS Instr Vet Path

12W N MACK PhD Prof Microbiol and Pub Health 5Mrs VIRGINIA H MALLMANN PhD Instr Microbiol and Pub Health

125W L MALLMANN PhD Prof Microbiol and Pub Health

1Mrs JUDY MARTENS DVM Asst Instr Surg and Med

2M D MCGAVIN MVSc Asst Instr Vet Path 12JOSEPH MEITES PhD Prof Physiol and Pharmacol

12R L MICHEL DVM Asst Instr Vet Path
1L R MONTGOMERY DVM Assoc Prof Surg and Med

4G R MOORE DVM MS Prof Surg and Med

1C C MORRILL DVM PhD Prof and Chmn of Dept of Vet Path

1U V MOSTOSKY DVM MS Asst Prof Surg and Med 12J E NELLOR PhD Assoc Prof Physiol and Pharmacol

and Anim Husb

1L W NELSON DVM Lect Surg and Med 1J P NEWMAN DVM MPH Assoc Prof Microbiol and Pub

1F R PEABODY PhD Assoc Prof Microbiol and Pub Health

5J A RAY DVM MS Instr Microbiol and Pub Health3C F REED DVM MS Asst Dean of Col for Cont Educ

3G W REED DVM MS Assoc Prof Vet Path
12E P REINEKE PhD Prof Physiol and Pharmacol

2M A RICHARDSON PhD Assoc Prof (Res) Microbiol and Pub Health

12G D RIEGLE PhD Asst Instr Physiol and Pharm

1W F RILEY Jr DVM MS Prof Surg and Med

1M P RINES DVM MS Asst Prof Surg and Med and Dir of Large Anim Clin

12H L SADOFF PhD Assoc Prof Microbiol and Pub Health

12C L SAN CLEMENTE PhD 'Prof Microbiol and Pub

125R EVELYN SANDERS PhD Assoc Prof Microbiol and Fub Health 1R G SCHIRMER DVM MS Prof Surg and Med and Dir of

Small Anim

12D A SCHMIDT DVM MS Asst Prof Vet Path 12D E SCHOENHARD PhD Assoc Prof Microbiol and Pub

2S D SLEIGHT DVM PhD Asst Prof (Res) Vet Path 12C K SMITH DVM MS Asst Prof Microbiol and Pub

12ESTHER M SMITH PhD Assoc Prof Anat and Dir Sch

of Med Technol 1J R STIEFEL MS Asst Prof Physiol and Pharmacol Veterinary Medicine-Continued

12J J STOCKTON DVM PhD Prof and Chmn of Dept of Microbiol and Pub Health

IC W TITKEMEYER DVM PhD Assoc Prof Anat 1Mrs SHARON TUFTS DVM Asst Instr Surg and Med 1D W TWOHY DSc Instr Microbiol and Pub Health

12G L WAXLER DVM PhD Asst Prof Vet Path 12C K WHITEHAIR DVM PhD Prof Vet Path

12L F WOLTERINK PhD Prof Physiol and Pharmacol

Miscellaneous

1R C CHAPIN PhD Dir of Librs 3J T COX MLA Asst Prof Landsc Ext

2G C LUEHRS MA Budget Asst (Expt Sta) IT B SIMON BS Supt of Bldgs and Util

Dunbar For Expt Sta PO Sault Sainte Marie 12M W DAY MS Asst Prof and Supt

Graham Hort Expt Sta 2989 Lake Michigan Dr NW Grand Rapids

2JOHN GILMORE Supt

Hidden Lake Gardens PO Tipton

1F W FREEMAN MS Asst Prof and Curator

Lake City Expt Sta PO Lake City 2ROBERT DEBOER Foreman

South Haven Hort Expt Sta PO South Haven 2STANLEY JOHNSTON MS Prof and Supt

Upper Peninsula Expt Sta PO Chatham

23CHARLES LITTLE MS Asst Prof and Actg Supt **W** K Kellogg Sta PO Augusta

IH F WEBSTER MS Supt

MINNESOTA

Institute of Agriculture (College of Agriculture, Forestry, Home Economics; the Agricultural Experiment Station; and the Agricultural Extension Service) and College of Veterinary Medicine of the University of Minnesota, St. Paul 55101

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

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1230 M WILSON PhD Pres of Univ (PO Minneapolis) 123S O BERG PhD Dean of Inst of Agr (Tel 647-3214) 123J L APP PhD Asst to Dean

12H J SLOAN PhD Dir of Sta (Tel 647-3218) 12W F HUEG Jr PhD Asst Dir of Sta

3SKULI RUTFORD BS Dir of Agr Ext (Tel 647-3420)

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12W T S THORP DVM MS Deam of Col of Vet Med (Tel 647-3241)

12R L KITCHELL DVM PhD Asst Dean of Col of Vet Med

23C T JOHNSON BBA Asst Vice Pres and Treas of Sta (PO Minneapolis)

Agronomy and Plant Genetics

12E N RINKE PhD Prof and Actg Head of Dept 125R N ANDERSEN PhD Asst Prof and Agron Weed Physiol

125E R AUSEMUS PhD Prof and Agron Wheat Brdg and Genet

12RICHARD BEHRENS PhD Prof Weed Physiol 12CARL BORGESON MS Assoc Prof Seed Increases 12C R BURNHAM PhD Prof Cytogenet

125R S CALDECOTT PhD Prof and Genet Irradiation Genet

125W M CLEMENT JR PhD Asst Prof and Genet Alfalfa Cytogenet

Agronomy and Plant Genetics-Continued

125V E COMSTOCK PhD Asst Prof and Agron Flax Brdg and Genet

2R L COOPER PhD Res Assoc Soybean Brdg and Genet 12L J ELLING PhD Assoc Prof Alfalfa Brdg and Genet 5J H FORD MS Agron Flax Brdg

2D R JOHNSTON MS Res Fellow Wheat Brdg

3J R JUSTIN PhD Instr Ext Spec

2R A KLEESE PhD Res Assoc Oat Brdg and Genet 124J W LAMBERT PhD Prof Soybean Brag and Genet

125G C MARTEN PhD Asst Prof and Agron Forage Util 2D T NORTH MS Res Fellow Irradiation Genet 3H J OTTO PhD Prof Ext Spec

2R H PETERSON BS Res Fellow Corn Brdg

12D C RASMUSSON PhD Asst Prof Barley Brdg and Genet

12R G ROBINSON PhD Assoc Prof Crop Prod

12A R SCHMID PhD Assoc Prof Pasture Eval and Crop Prod

12J C SENTZ PhD Assoc Prof Corn Brdg and Genet Statis

12L H SMITH PhD Asst Prof Crop Physiol 12L A SNYDER PhD Prof Chem Mutagenesis

12H L THOMAS PhD Assoc Prof Forage Brdg and Genet

Animal Husbandry

12L E HANSON PhD Prof and Head of Dept 3R L ARTHAUD PhD Prof Ext Swine Nutr and Mgt

12W J AUNAN PhD Prof Meats

124R E COMSTOCK PhD Prof Anim Brdg and Genet 12F D ENFIELD PhD Asst Prof Anim Brdg and Genet

12A L HARVEY PhD Prof Beef Cattle and Horse Nutr and Mat

3R E JACOBS MS Assoc Prof Ext Beef and Sheep Nutr and Mgt

12R M JORDAN PhD Assoc Prof Anim Nutr and Mgt 120 E KOLARI PhD Assoc Prof Ruminant Nutr

12R J MEADE PhD Prof Anim Nutr 12J C MEISKE PhD Asst Prof Ruminant Nutr

3I T OMTVEDT PhD Asst Prof Ext Performance Testing of Swine and Sheep

12W E REMPEL PhD Assoc Prof Anim Brdg and Genet 12J V SCALETTI PhD Assoc Prof Microbiol

12J D SMITH PhD Asst Prof Anim Nutr

Biochemistry (Agr) 5490 12L M HENDERSON PhD Prof and Head of Dept

12D R BRIGGS PhD Prof Phys Biochem 12R L GLASS PhD Assoc Prof Cereal Chem

12ROBERT JENNESS PhD Prof Dairy Chem

12SAMUEL KIRKWOOD PhD Prof Enzymes Polysaccharide Structure

121 E LIENER PhD Prof Proteins, Enzymes 12W O LUNDBERG PhD Prof Lipid Structure

12M O SCHULTZE PhD Prof Anim Nutr, Metabolism 12FRED SMITH PhD DSc Prof Carbohydrates

Dairy Husbandry

5500

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125C L COLE PhD Prof and Head of Dept 12J D DONKER PhD Prof Nutr

12E F GRAHAM PhD Prof Reprod

12A G HUNTER PhD Asst Prof Physiol

3J W MUDGE MS Asst Prof Ext

12D E OTTERBY PhD Asst Prof Nutr

12A H J RAJAMANNAN MS Res Fellow Reprod

12J W RUST PhD Instr Nutr

2R H SCHULTZ DVM Res Fellow Reprod 3RALPH WAYNE MS Prof Ext

3CLIFFORD WILCOX PhD Asst Prof Ext

12J B WILLIAMS PhD Prof Nutr

125C W YOUNG PhD Assoc Prof Dairy Cattle Brdg

Dairy Industries

12S T COULTER PhD Prof and Head of Dept 12J J JEZESKI PhD Prof Dairy Microbiol

12P B MANNING MS Instr Dairy Technol

Minnesota 5510-5570

5530

Dairy Industries-Continued

12H A MORRIS PhD Prof Dairy Technol 12J C OLSON Jr PhD Prof Dairy Microbiol

3V S PACKARD PhD Asst Prof Dairy Prod Ext Spec

12E L THOMAS PhD Prof Dairy Technol

5520 Economics (Agr)

12E W LEARN Prof and Head of Dept

3HARVEY BJERKE BBA Agr Ext Agt Farm Mot Instr Farm Mat

12W K BRYANT PhD Asst Prof Farm Income and Prices 125MARGUERITE C BURK PhD Prof Consumption Econ 3M K CHRISTIANSEN MS Instr Ext Dairy Mktg

124W W COCHRANE PhD Prof Prices and Agr Policy

12D C DAHL MS Res Assoc Mktg and Law 12R P DAHL PhD Prof Farm Finance and Grain Mktg

3W H DANKERS PhD Prof Ext Coop Mktg
3K E EGERTSON MS Instr Ext Livestock Mktg

12S A ENGENE PhD Prof Prod Econ and Farm Mgt
12D F FIENUP PhD Prof Resource Devipmt and

Livestock Mktg

3P R HASBARGEN MS Asst Prof Ext Farm Mgt

12C V HESS PhD Prof Poultry Mktg
12J D HYSLOP MS Instr Farm Finance
12H R JENSEN PhD Prof Prod Econ and Farm Mgt

2L G KAHN BA Res Assoc Taxation

12E F KOLLER PhD Prof Dairy Mktg and Coops
12T R NODLAND PhD Prof Farm Mgt

3HAROLD PEDERSON MS Prof Ext Grain Mktg

12P M RAUP PhD Prof Land and Water Econ and Foreign Econ Devlpmt

3L M ROSS BS Agr Ext Agt Farm Mgt Instr Farm Mgt

3MARY E RYAN BS Instr Consum Econ 3F J SMITH Jr PhD Asst Prof Ext Mktg

125W B SUNDQUIST PhD Assoc Prof Agr Econ USDA and Prod Econ and Farm Mat

3K H THOMAS MS Agr Ext Instr Farm Mgt 3CAROLE B YOHO MA Instr Public Affairs

Education (Agr)

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1H W KITTS PhD Prof 1R P MARVIN PhD Assoc Prof 1G I SWANSON PhD Prof

1S W NELSON MS Lecturer

Engineering (Agr) 5540

12A J SCHWANTES MS Prof and Head of Dept

12E R ALLRED MS Prof 3D W BATES MS Prof

12C H CHRISTOPHERSON MA Assoc Prof

12W J CULMER PhD Assoc Prof

12A M FLIKKE MS Assoc Prof

12L F HERMSMEIER MS Res Fellow

12ANDREW HUSTRULID PhD Prof

5W A JUNNILA MS Agr Engin 12C L LARSON MS Assoc Prof 5R E LARSON MS Agr Engin

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12D M MANBECK MS Res Fellow

12P W MANSON MS Prof

1W L OLSON BS Instr

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12J H POMROY MS Asst Prof

3G I PRICKETT BA Assoc Prof Ext

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1R K SRIVASTAVA MS Instr

12JOHN STRAIT MS Assoc Pref 1L C TAYLOR PhD Instr

Entomology Fisheries and Wildlife 5550

12A C HODSON PhD Prof and Head of Dept

12J R BEER PhD Assoc Prof Mammalogy, Small Mammal

12MARION A BROOKS PhD Assoc Prof Insect Microbiol

Entomology Fisheries and Wildlife-Continued

12H C CHIANG PhD Prof Insect Ecol Field Crop Pests

12E F COOK PhD Assoc Prof Insect Taxon
12L K CUTKOMP PhD Prof Toxicol

2G W GULLION MA Res Fellow Game Mgt Upland Game Birds

12M H HAYDAK PhD Prof Apic Bee Nutr

12F G HOLDAWAY PhD Prof Biol Control Plant Resist

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12W H MARSHALL PhD Prof Wildlife Ecol

2N G PATEL PhD Res Assoc Toxicol and Biochem 12A G PETERSON PhD Assoc Prof Veg and Forage Crop

12R G PRICE PhD Asst Prof Mosquito Biol, Taxon of Bird Lice

2E B RADCLIFFE Res Fellow Legume Resistance to

12A G RICHARDS PhD Prof Insect Physiol 12L L SMITH Jr PhD Prof Fish Pop Dynamics

2S C SRIVASTAVA PhD Res Fellow Insect Physiol

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12J R TESTER PhD Asst Prof Ecol Radio Biol
12T F WATERS PhD Assoc Prof Stream Prod Fisheries

Extension (Agr)

5560

ADMINISTRATION

3SKULI RUTFORD BS Prof and Dir 3R H ABRAHAM PhD Prof and Assoc Dir

3F W FORBES MS Prof Pers Training
3H G ROUTHE MS Prof State Ldr Ext Prog

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3EDWARD BECKER BS Assoc Prof and Dist Supvr

3W H HANSON MS Assoc Prof and Dist Supvr

3G T MCCLEARY BS Assoc Prof and Dist Supvr 3H J NEWELL BS Asst Prof and Dist Supvr

4-H CLUB WORK

3R W BATH PhD Asst Prof and Assoc State Leader 3E S BERGERUD MPA Assoc Prof and Asst State

Leader

3L L HARKNESS MPA Prof and State Leader 3EVELYN HARNE MS Assoc Prof and Assoc State Leader

3MARIAN LARSON MS Asst Prof and Asst State Leader 30 T MAGNUSON MAPA Assoc Prof and Asst State Leader

3W A MILBRATH MSW Asst Prof and Ext Spec Young Adult Prog

HOME EXTENSION PROGRAM

3ARLEEN BARKEIM MED Assoc Prof and Dist Supvr 3CAROLINE FREDRICKSON MS Assoc Prof and Dist

3MINERVA JENSON MA Assoc Prof and Dist Supvr 3Mrs ROSELLA QUALEY MS Assoc Prof and Dist

3DOROTHY SIMMONS MS Prof and State Leader

5570 Forestry 12F H KAUFERT PhD Prof and Dir of School

2C E AHLGREN MS Res Assoc Fire Ecol Genet
12E V BAKUZIS PhD Asst Prof For Synecol

12B A BROWN PhD Asst Prof Silvi and For Soils 12R M BROWN MS Prof For Mensuration

12D P DUNCAN PhD Prof Watershed Mgt Recreational Land Mgt

12R O GERTJEJANSEN MS Instr Wood Fiber Prods 12A R HALLGREN MF Instr Logging

12H L HANSEN PhD Prof Silvics and Silvic

12J G HAYGREEN PhD Assoc Prof Wood Fiber Prod 12R L HOSSFELD PhD Prof Wood Chem

12F D IRVING PhD Assoc Prof For Mgt

12H H JOHN MS Instr For Mensuration and Statis

12P C KERSAVAGE MS Instr Glues and Gluing

12M P MEYER PhD Assoc Prof For Mensuration

3W R MILES MF Asst Prof Ext

Forestry - Continued

25J R NEETZEL MF Res Assoc For Structures
12S S PAULEY PhD Prof For Tree Genet 12HAROLD SCHOLTEN MS Instr Form For 12R A SKOK PhD Assoc Prof For Econ and Policy 3M E SMITH BS Asst Prof Ext

12E I SUCOFF PhD Asst Prof For Tree Physiol

12R B THOMPSON BS Instr Bldg Prod Merch

12D B THORUD MS Instr

12R R WEYRICK MF Instr For Mgt 12K E WINSNESS MF Asst Prof Stud Advising and Alumni Relat

Home Economics 5580

12LOUISE A STEDMAN PhD Prof and Dir of Sch IROXANA R FORD PhD Prof and Asst Dir of Sch IR A ABELL MFA Asst Prof Relat Art 1MARJORIE M BROWN EdD Prof HeED
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1Mrs MARIE H CHRISTENSON MS Asst Prof HEED 1Mrs BARBARA B CONKLINBS Instr

12SUZANNE DAVISON PhD Prof Textiles and Clothing

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12FLORENCE EHRENKRANZ PhD Prof Household Equip

IGERTRUDE ESTEROS EdD Prof Relat Art

1R J FOSYTH MS Instr Relat Art

1Mrs NATALIE S GALLAGHER MS Asst Prof Home Mgt and Family Living

1ETHEL R GORHAM MS Asst Prof Textiles and

1MARY J HITCHCOCK MS Asst Prof Food Serv Mgt 1AMY JEAN HOLMBLADE PhD Prof HEED FERN M HORN EdD Prof HEED

1KATHLEEN M JEARY MA Asst Prof Home Mgt and Fam Living

1HEDDA B KAFKA MA Asst Prof HEED 1HELEN A LUDWIG MA Assoc Prof Relat Art ILOIS A LUND MS Instr Foods 1Mrs LYNETTE J MARTEN MS Instr Foods

12LURA M MORSE PhD Assoc Prof Nutr 1JULIETTE I MYREN MS Assoc Prof Relat Art 12ISABEL T NOBLE PhD Prof Foods

1Mrs BARBARA B NORTH MS Asst Prof Nutr

12R J SIRNY PhD Prof Nutr and Food Serv Mgt 12M A STRAUS PhD Prof Home Mgt and Fam Living

1Mrs ESTHER Y TRAMMELL MS Asst Prof Foods 1Mrs ARDELL H WANTOCH BS Instr HEED

1Mrs GLORIA M WILLIAMS MA Instr Textiles and Clothing

12L C SNYDER PhD Prof and Head of Dept and Supt of Fruit Brdg Farm and Arboretum

12E T ANDERSEN PhD Assoc Prof Tree Fruit Brdg and

12W R ANDERSEN PhD Asst Prof Small Fruit Brdg and

2L C AYRES MS Res Fellow Veg Physiol 12T M CURRENCE PhD Prof Veg Brdg

3C G HARD PhD Assoc Prof Ext Ornam

12A E HUTCHINS PhD Prof Veg Brdg 12F I LAUER PhD Assoc Prof Potato Brdg

2PAUL L I PhD Res Fellow Hardiness Physiol

12ROBERT MULLIN PhD Asst Prof Ornam Brdg
12SHIRLEY T MUNSON MS Asst Prof Food Technol
12R E NYLUND PhD Prof Veg Physiol

12R A PHILLIPS MS Asst Prof Lands Omam Brdg 1230 C TURNOUIST PhD Prof Ext Veg Potato Brdg

12T S WEIR MS Assoc Prof and Asst Supt of Fruit Brdg Farm

12C J WEISER PhD Assoc Prof Hardiness Physiol 12D B WHITE PhD Asst Prof Nursery and Turf Mgt 12R E WIDMER PhD Assoc Prof Flor

Information Service

123H B SWANSON MS Prof and Head

23Mrs ROCHELLE ELLIOTT MS Asst Ed Pubs

123G R McKAY MS Prof and Actg Head Ext Vis Aid Spec 123Mrs JOSEPHINE B NELSON MA Assoc Prof and Ext Asst Ed Press and Radio

123HARLAN STOEHR MS Asst Prof and Agr Bul Ed Pubs 123PHILLIP TICHENOR MA Asst Prof and Ext Inform Spec Press

123R S WOLF BS Assoc Prof and Ext Inform Spec Radio and TV

5610

5600

Plant Pathology and Physiology
125M F KERNKAMP PhD Prof and Head of Dept 2G E AHLGREN MS Res Fellow Phys of Mineral Nutr 12N A ANDERSON PhD Asst Prof Mycol and Genet of

Pl Pathogens

12R V ANDERSON PhD Asst Prof Nematol

12E E BANTTARI PhD Asst Prof Virus Dis and Dis of Barley

2W M BUGBEE MS Res Fellow Stem Rust of Wheat 5W R BUSHNELL PhD Plant Phys Bio of Infection

Stem Rust of Wheat

5LUCAS CALPOUZOS PhD Res Plant Path Sugar Beet

12C M CHRISTENSEN PhD Prof Mycol Microbiol Det of Grain

5R U COTTER PhD Plant Path Phys Spec of Wheat Stem Rust

12C J EIDE PhD Prof Dis of Veg Crops

12D W FRENCH PhD Prof For Path Mycol Det of For Prod

15F I FROSHEISER PhD Asst Prof and Plant Path Dis of Forage Crops

5D A FRETER MS Agr Res Tech Stem Rust of Oats

12HELEN HART PhD Prof Cereal Rusts 3H G JOHNSON PhD Prof Ext Spec

2B L KEELING MS Res Fellow Dis of Barley

2B W KENNEDY PhD Res Assoc Dis of Soybeans

12T H KING PhD Prof Dis of Fruits and Canning Crops 5D M KNUTSON BS Agr Res Tech Stem Rust of Wheat

12THOR KOMMEDAHL PhD Prof Cereal Dis

5K T LEATH BS Agr Aid Stem Rust of Wheat 12A J LINCK PhD Prof Phys Action of Herbicides

12WILLIAM MERRILL Jr PhD Instr Det of For Prod

5J D MILLER BS Plant Path Stem Rust of Wheat

12C J MIROCHA PhD Asst Prof Phys of Host Parasite Relat

12M B MOORE MS Instr Dis of Oats

5B J ROBERTS PhD Plant Path Stem Rust of Oats 5R W ROMIG PhD Res Plant Path Stem Rust of Wheat

5J B ROWELL PhD Assoc Prof Plant Phys Physiol of Stem Rust of Wheat

5E C STAKMAN PhD DSc Collab Stem Rust of Wheat 5G F STALLKNECHT BS Agr Res Tech Dis of Sugar

Beets 5D M STEWART PhD Plant Path Phys Spec of Stem

Rust of Wheat 12T W SUDIA PhD Assoc Prof Mineral Nutr in Plants

12R D WILCOXSON PhD Assoc Prof Dis of Forage Crops

Poultry Science 5620

12E L JOHNSON PhD Prof and Head of Dept 3R W BERG PhD Assoc Prof and Ext Spec Poultry Genet

12R N SHOFFNER PhD Prof Poultry Genet

12D C SNETSINGER PhD Asst Prof Poultry Nutr

12M H SWANSON PhD Assoc Prof Poultry Prods

12P E WAIBEL PhD Assoc Prof Poultry Nutr

Sociology (Rural)

123G A DONOHUE BA Prof Ext Sociol 12A L JOHNSON PhD Prof Sociol

34C W MARTIN MA Instr Ext Fam Life 2G L NELSON MA Res Asst Sociol

1RAMON OLDENBURG,MA Instr Sociol

5630

Sociology (Rural)-Continued

3CLARICE OLIEN MA Instr Ext Sociol 12J D PHOTIADIS PhD Asst Prof Sociol 13RONALD PITZER MA Instr Ext Fam Life 2WILLIAM SCHWEIKER BA Res Asst Sociol 12M A STRAUS PhD Prof Sociol

5640

12W P MARTIN PhD Prof and Head of Dept

12R S ADAMS Jr PhD Asst Prof Soil Biochem

25R R ALLMARAS PhD Asst Prof (SWC ARS) Soil Chem 5W W ANDERSON BS Soil Sci (SCS) Soil Genesis and Classification

12H F ARNEMAN PhD Assoc Prof Soil Genesis and Classification

12D G BAKER PhD Asst Prof Soil Microclimatologist 12G R BLAKE PhD Prof Soil Phys

25W C BURROWS PhD Asst Prof (SWC ARS) Soil Phys

12P M BURSON MS Prof Soil Fert

12A C CALDWELL PhD Prof Soil Chem

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Classification

12JOHN GRAVA PhD Asst Prof Soil Chem

3M V HALVERSON BS Instr Soil Chem

3L D HANSON MS Instr Soil Chem
25R F HOLT PhD Prof (NC Soil and Water Conserv Lab) Soil Chem

25R J KUNZE PhD Asst Prof (SWC ARS) Soil Phys

12J M MacGREGOR PhD Prof Soil Chem
3C J OVERDAHL PhD Assoc Prof Soil Chem
5A S ROBERTSON BS Soil Sci (SCS) Soil Genesis and Classification

12R H RUST PhD Assoc Prof Soil Genesis and Classification and Phys Chem

12E L SCHMIDT PhD' Prof Soil Microbiol 3WARREN SHARRATT PhD Test Demon (TVA) Soil Microbiol

25T J THIEL MS (SWC ARS) Soil Phys

3M A THORFINNSON BS Minn Soil Conserv Comn Soil Conserv

25C A VANDOREN PhD (Branch Chief ARS) Soil Conserv

Veterinary Medicine

5650

12W TS THORP DVM MS Prof and Dean of Col 12R L KITCHELL DVM PhD Prof and Assoc Dean Neurol

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1W D ANDERSON DVM BS Instr Anat

12J P ARNOLD DVM PhD Prof Surg
12A L ARONSON DVM PhD Res Assoc Toxicol

12R A BALL DVM Res Fellow Path

12D M BARNES DVM BS Asst Prof Path

IW J BEMRICK PhD Asst Prof Parasitol 12M E BERGELAND DVM BS Instr Path

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1W F BROWN DVM Instr Obstet

1W F CATES DVM BS Asst Prof Obstet 1D H CLIFFORD DVM PhD Asst Prof Surg

1R P CRAWFORD Jr MS Res Fellow Microbiol
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IR E DIERKS DVM BS Res Fellow Microbiol

1S K DUTTA PhD Res Asst Microbiol 1H E DZIUK DVM PhD Asst Prof Physiol

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1M R FEDDE PhD Asst Prof Poultry Physiol

1T F FIELD DVM BS Non Serv Fellow Electron Micros

1D R FINCO DVM Res Fellow

1T F FLETCHER DVM Res Fellow Neurologist

1P J GEHRING DVM Non Serv Fellow Pharmacol
12A L GOOD DVM PhD Prof Physiol
1I M GOURLEY DVM BS Asst Prof Surg

1H J GRIFFITHS DVM PhD Prof Parasitol

Veterinary Medicine-Continued

12P B HAMMOND DVM PhD Prof Toxicol IGRISELDA F HANLON DVM MS Asst Prof Radiol

1B L HART DVM Non Serv Fellow Neurol

12J M HIGBEE DVM Prof Pathol
1W R HIMES DVM BS Instr Med

1R B HOHN DVM BS Instr Anat

12H H HOYT DVM PhD Prof Med

1EDWARD JANKUS DVM BS Instr Physiol 1D D JOEL DVM BS Res Fellow Path

12D W JOHNSON DVM PhD Asst Prof Med

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5C V KIMBERLING DVM Vet Epidem

1M C KUMAR AH BVSc Res Asst Microbiol

1H J KURTZ DVM MS Res Fellow Pathol
12C T LARSEN DVM BS Instr Microbiol
1V L LARSON DVM BA Res Fellow Med

12R K LINDORFER PhD MS Assoc Prof Microbiol

1P B LITTLE DVM Instr Med

12K I LOKENDVM PhD Asst Prof Med 1D R LOUDON Jr DVM Instr Toxicol

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12W W MARQUARDT DVM BS Res Fellow Microbiol

12ERIKS MARTINSONS DVM Res Fellow Obstet IG W MATHER DVM PhD Prof Med
IE L McCUNE DVM MS Res Fellow Microbiol

1R A MERRILL DVM Assoc Prof Med

12H W MOON DVM BS Res Fellow Path

1W E MOORE DVM BS Res Fellow Med

12G H NELSON DVM BS Asst Prof Clin Path

2J A NEWMAN DVM BS Res Fellow Microbiol

IN O NIELSEN DVM PhD Asst Prof Path

1B J PAYNE DVM MS Non Serv Fellow Path 12VICTOR PERMAN DVM BS Asst Prof Clin Path

5C J PFOW DVM Poultry Epidem

12B S POMEROY DVM PhD Prof Virol

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1G S RAO BVSc Res Asst Neurol 12J H SAUTTER DVM PhD Prof Path

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1E C SHORT Jr DVM BS Non Serv Fellow Physiol Chem

2F J SICCARDI DVM Res Fellow Microbiol

1YOUSUF SIDDIQUI BS Res Asst Microbiol 5F E SIEGFRIED DVM Vet Livestock Insp

TR P SINGH AH BVSc Res Asst Microbiol

1V B SINGH A H BVSc Res Asst Microbiol

1C S SISODIA DVM MS ResFellow Pharmacol

1C J SMITH DVM BS Res Fellow Epidem 3R B SOLAC DVM BS Asst Prof Ext Vet

12D K SORENSON DVM PhD Prof Virol
1F A SPURRELL DVM PhD Prof Radiol

1J B STEVENS DVM BS Res Fellow Path 12C M STOWE DVM PhD Prof Pharmacol

1J P SULLIVAN DVM PhD Asst Prof Physiol

1E A USENIK DVM PhD Assoc Prof Surg

1K A VASKO DVM Res Fellow Surg 1W M WASS DVM PhD Asst Prof Med

12A F WEBER DVM PhD Prof Electron Micros

IS C WHIPP DVM BS Res Fellow Pharmacol 1STUART YOUNG MRCUS DVSM PhD Asst Prof Neuropathol

2C S ZAMORA DVM Res Asst Electron Micro

12RAIMUNDS ZEMJANIS DVM PhD Prof Obstet

Miscellaneous

12V J VITINS MS Asst Prof and Libr
12C E GATES PhD Assoc Prof and Sta Statis
2M A MITTENESS Farm and Grounds Supt
12E B STANFORD PhD Prof and Dir of Univ Librs

Agricultural Short Courses

5670 1L A FREEH PhD Head of Agr Short Courses 1A W KEATING MS Coordinator Foreign Training Prog

Substations 5680

North Central Expt Sta PO Grand Rapids

2WILLIAM MATALAMAKI PhD Assoc Prof and Supt

2R B AAKRE BS Asst Prof and Agr Engin 2R H ANDERSON BS Instr Ed 2W H CROMELL BS Instr For

2W R DUKELOW PhD Asst Prof Anim Husb Physiol of Reprod

2N H GRIMSBO BS Instr Hort

Northeast Expt Sta PO Duluth

2R S GRANT MS Prof and Supt Dairy Mgt

2H J HOPEN PhD Asst Prof and Asst Supt Hort Northwest Expt Sta PO Crookston

2B E YOUNGQUIST PhD Prof and Supt

2B C BERESFORD MS Asst Prof Hort

2F K JOHNSON MS Asst Prof Agron

2E C MILLER MS Asst Prof Agr Engr 2O C SOINE PhD Prof Soils

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2A C HEINE BS Prof and Supt Agr Engr

2R M DENNISTOUN MS Instrand Asst Supt Agron and Farm Mat

Southern Expt Sta PO Waseca

2E C FREDERICK PhD Assoc Prof and Supt Reprod Physiol

2L E AHLRICHS MS Instr Soils

2R M COLLINS PhD Assoc Prof and Prin Ed

2B C FULLER MS Asst Prof Biol 2H C MATSON MA Asst Prof Agr Engr 2K P MILLER PhD Assoc Prof Anim Husb 2J R THOMPSON MS Asst Prof Agron

2G L SHELDON BS Instr Agr Engr

Southwest Expt Sta PO Lamberton

2W W NELSON PhD Asst Prof and Supt Soils

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2R E SMITH MS Assoc Prof and Supt Econ 2S D EVANS PhD Asst Prof Soils

2W H GRAY MS Asst Prof Hort

2HARLEY HANKE MS Asst Prof Anim Husb

2L K LINDOR MS Asst Prof Agr Engr

2ROY THOMPSON MS Asst Prof Agron

MISSISSIPPI

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1 College Staff 2 Station Staff 3 Extension Staff 4Leave of Absence SCoop USDA

5690

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1T K MARTIN PhD Exec Asst to the Pres

1J K BETTERSWORTH PhD Academic Vice Pres (Tel Starkville 323-4321 Ext .388)

123W L GILES PhD Vice Pres for For and Agr 12R T CLAPP MF Dean of Sch of For

12H H LEVECK MS Dir of Sta (Tel Starkville 323-4321 Ext 233)

3W M BOST MS Dir of Ext (Tel Starkville 323-4321 Ext 303)

3R C SIMMONS MPA Asst Dir of Ext

1L N WISE PhD Dean of Sch of Agr (Tel Starkville 323-4321 Ext 421)

123L F MALLORY BS Comptroller 2G J THOMAS MS Acct for Sta 3K H MARTIN MS Assoc Ext Acct

Agronomy (Soils and Crops)

12C D HOOVER PhD Prof and Head of Dept Fert and Mat

3K L ANDERSON MAgr Asst Ext Agron Field Crops and Corn

2CH ANDREWS MS Asst Agron Seed Res and Training **ICA**

2J L ANTHONY MS Assoc Agron Fert and Mgt

2J M BECK Res Asst Seeds

25H W BENNETT PhD Agron Crop Brdg and Grasses 125R R BRUCE PhD Assoc Prof Soil Mech and Engin and Soil Moisture

12H D BUNCH PhD Prof Seeds in Chg Seed Techn Lab 5C M CAMPBELL PhD (Agent) Res Agron Crop Brdg

and Corn 12J C DELOUCHE PhD Assoc Prof and Dir of State Seed Lab and State Seed Anal

2G M DOUGHERTY MS Asst Agron Seeds

12W J DRAPALA PhD Prof Crop Brdg and Design and Anal of Expts

3L E GHOLSTON MS Spec Ldr Soil Testing Dept Fert and Mgt

2W J GILL BS Res Asst Turfgrasses and Roadside Devel

12R C GLENN PhD Assoc Prof Soil Chem and Mineralogy

12G D GREEN MS Assoc Prof Field Crops and Variety Testing

5C O GROGAN PhD Senior Agron Crop Brdg and Corn

2J D HELMER MS Asst Agron Seeds

2W F JONES MS Asst Agron Fert and Mgt

2W E KEENAN BS Soil Surv Soil Genesis and Classification

5W E KNIGHT PhD Res Agron Crop Brdg and Crimson Clover

12J D LANCASTER PhD Prof Soil Chem and Nitrogen

2J R McCLUSKY BS Res Asst Crop Brdg 3J W McKIE BS Asst Ext Agron Weed Control

2E L McWHIRTER MAgr Asst Agron Crop Brdg

12W R MEREDITH Jr MS Asst Prof Pasture and Forage Crops

12N C MERWINE PhD Prof Crop Mgt and Grain Sorghums

3C E MOORE MS Asst Ext Agron Field Crops and Cotton

3G P MULLENDORE MS Asst Ext Agron

2B C MURPHY MS Asst Agron Soil Chem and Boron 5DL MYHRE PhD Adjunct Assoc Prof Soil Sei and Res Invest

12V E NASH PhD Asst Prof and Assoc Agron Soil Mineralogy

12L E NELSON PhD Prof Suil Fert and Mgt

2H D PALMERTREE BS Res Asst Turforasses and Roadside Devel

12J V PETTIET MS Res Asst Soil Chem 5J O SANFORD MS Soil Sci Fert and Mgt

12PA TRICIA A SARVELLA PhD Assoc Prof Genet Cotton and Corn

2S L SIMPSON BS Res Asst Turfgrasses and Roadside Devel

12T W STILL MS Asst Prof Seeds and Asst Seed Anal 12B J STOJANOVIC PhD and Dr of Agr Assoc Prof Soil

Bact and Microbiol 3W R THOMPSON MS Leader Ext Agron Pasture

12WR THOMPSON Jr MS Asst Prof Turfgrasses 12H B VANDERFORD PhD Prof Soil Genesis Classification and Mapping

2C E VAUGHAN MS Asst Agron Seeds

12CY WARD PhD Assoc Prof Pasture and Forage Crops and Turfgrasses

12B C WRIGHT PhD Assoc Prof Soil Chem and Phosphorus

Animal Huzbandry

5710

12CE LINDLEY PhD Prof and Head of Dept 12BRYAN BAKER Jr PhD Prof Swine and Sheep 12L H BOYD PhD Asst Prof Sheep

Mississippi 5710-5790

Animal Husbandry-Continued
3R O BUCKLEY BS Assoc Ext Anim Husb Sheep Engineering (Agr)-Continued 12D L DEASON BS Asst Prof Power and Mach 12C J CHRISTIANS PhD Asst Prof Beef Cattle 12F E EDWARDS MS Prof Power and Mach 12B G DIGGS PhD Assoc Prof Swine 3FRANCES FORTENBERRY BS Ext Rural Elec Spec 12R A EDGAR MS Asst Prof and Asst Anim Husb
12H W ESSIG PhD Assoc Prof Beef Cattle and Sheep
3E E GRISSON MS Leader of Ext Anim Husb 12W R FOX PhD Asst Prof Power and Mach 1W R GLOVER MS Assoc Prof Power and Mach 2T N JONES MSAE A ar Engin Power and Mach 3H B HEDGEPETH MS Asst Ext Anim Husb 2E A KIMBROUGH Jr MS Assoc Prof Soil and Water 2W A PUND BS MS Supt of Prairie Sta 3WL RICHMOND BS Assoc Ext Anim Husb Swine 3J L McVEY BS Leader of Ext Agr Engin 12J C McWHORTER MS Prof Soil and Water 12C B SHAWVER MS Asst Prof Meats 3W C MASSEY BS Asst Ext Agr Engin Blueprint Serv 3D L MILLER BS Assoc Ext Agr Engin Materials Handling 4-H 3W M SWOOPE MS Asst Ext Anim Husb Beef Cattle Performance Test 3K R RAY Asst Ext Agr Engin Housing and Arch Chemistry (Agr) 5715 4F L SHUMAN Jr BS Asst Prof Power and Proc 2B F BARRENTINE PhD Head of Dept 3R K SMITH Ext Rural Elec Spec 2J D CAIN BS Asst Chem 2W E POE BS Asst Chem 4G B WELCH MS Assoc Prof Farm Structures Entomology 5760 5720 12J R BRAZZEL PhD Prof and Head of Dept 12H J BEARDEN PhD Prof and Head of Dept 2C F BAILEY DVM Asst Ent 12C B BROWNING PhD Prof Nutr
12J M BUCKALEW PhD Prof Dairy Husb 3A G BENNETT MS Leader Ext Ent 2T S BROOK MS Assoc Ent 12J T CARDWELL PhD Prof Chem 2M F BURTON MS Asst Ent 2H B GREEN MS Assoc Ent 2AL HAMNER MS Ent 3L M CARPENTER MS Asst Ext Dairyman 12F D COHENOUR MS Asst Prof Bact 3G B CRAIN BS Leader Ext Dairying 12E W CUSTER BS Assoc Prof Bact IL W HEPNER PhD Assoc Ent IR E HUTCHINS PhD Ent IT E HOTCHINS PHD Ent 1J D LAND PhD Asst Ent 1J D OUZTS MS Asst Ent 1C A WILSON MS Assoc Ent 3D F YOUNG MS Assoc Ext Ent 12J W LUSK MS Asst Prof Nutr 12T J OUSLEY MS Asst Prof Dairy Mfg 12D S RAMSEY PhD Assoc Prof Physiol 3G T TAYLOR BS Asst Ext Dairyman 5730 Economics (Agr) 12DW PARVIN PhD Prof and Head of Dept Extension Administration 5770 12P T BLAIR PhD Assoc Prof Coop 3W M BOST MS Dir 5J C CRECINK PhD Prof Farm Mgt and Land Econ 3MAMIE J BROCK MS Dist Home Demon Agt 12J G HAMILL MS Asst Prof Farm Mgt 3C M CHAFEE BS Assoc State 4-H Club Leader 5HERBERT HOOVER BS Res Asst 3W A COX BS Chief Clk 2N R HUDDLESTON MS Res Asst Coop 3OLIVE DOWELL MS Dist Home Demon Agt 12V G HURT PhD Prof Dairy Mkt and Prod Econ 3C B DUKE Jr MS Dist Agt 3R B JOHNSTON EdD Leader of Ext Agr Econ 3M W EDWARDS MS Dist Agt 2J T LONG MS Res Asst Farm Mgt 3M EARLE GADDIS MA State Home Demon Agt 12A L McLAUGHLIN MS Inst Dairy Mkt and Farm Mgt 3OLLIE D McWHIRTER BS Asst State 4-H Club Leader 3L H MOSELEY MS Dist Agt 3H J PUTNAM MA Leader of Ext Studies and Training 12T D PHILLIPS PhD Grain and Livestock Mkt 3H J PUTNAM MA Leader of Ext Studies and Training 3JOHNNIE SARTOR MS Assoc Ext Farm Mgt 3Mrs CARMEN P RONKEN MS Dist Home Demon Agt 12A D SEALE Jr PhD Prof Veg and Poultry Mkt
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4F H TYNER Jr MS Res Asst Farm Mgt and Stat 3KATHERINE SIMPSON MS Dist Home Demon Agt 3C I SMITH MS State 4-H Club Leader 4J E WALDROP Jr MS Res Asst Farm Mgt 3MARTHA A SMITH BS Asst State 4-H Club Ldr 2L D WELCH MS Asst Stat

12C M WELLS Jr PhD Prof Cotton Mkt and Policy 3C C STONE BS Dist Agt 3MAY L WARD BA Asst Ext Acct 2J L WILLIAMS MS Res Asst Livestock Mkt 5780 12R T CLAPP MF Prof and Dean of School Silvic Editorial 2G C RUTLEDGE BA Sta Ed 3D B ROSENKRANS BS Leader of Ext Inform 2L J KERR BS Forest Mat 12W F MILLER MF Asst Prof Silvic 3ISABEL KEAN Asst Ext Ed (Audio-Vis Aide) 12J E MOAK MF Assoc Prof For Mgt 3C W SAPPINGTON BS Ext Rural Def Spec 3W W MONTFORT Jr BS Asst Ext For Forest Mgt 3Mrs EDNA K WILKERSON BS Asst Ext Ed 12E G ROBERTS PhD Prof Silvic 3R R ROBERTSON MF Assoc Ext For Silvic 3T L WILKERSON BS Assoc Ext Ed 3LINDA L WRIGHT BFA Asst Ext Ed 12R D ROSS MF Asst Prof For Mgt 12J W STARR MF Assoc Prof Mgt 12G L SWITZER PhD Assoc Prof Silvic 3J S THERRELL MS Leader of Ext For Forest Mgt 5740 Education 10 L SNOWDEN PhD Prof and Head of Dept 12JOE YAOMS Asst Prof For Prod 1L P JACKS MEd Asst Prof Agr Ed 1JR HAMILTON EdD Prof Agr Ed 1G M WALKER MAGE Assoc Prof Age Ed 5790 Home Economics 2DOROTHY DICKINS PhD Head of Dept 3Mrs WILLIE F FELDER BS Home Mgt 4MARGUERITE O DAVIS BS Ext Spec Clothing 5750 Engineering (Agr) 12J H ANDERSON PhD Prof and Head of Dept 3CP BRYSON BS Asst Ext Agr Engin Cotton Mech 3SARAH F FOUNTAIN MS Ext Spec Home Furnishings 2Mrs ALVIRDA JOHNSTON MA Asst Home Econ 2Mrs LOIS KILGORE MT and MS Asst Home Econ Ginning 4-H 25R F COLWICK MS Prof Power and Mach

5880

Home Economics-Continued Veterinary Science-Continued 3Mrs LUCILLE K MONTGOMERY BS Ext Spec Organ 5R A KNIGHT MS Parasitoi 1H F McCRORY DVM Assoc Prof and Prog Planning 3EDWINA MORRIS MS Assoc Ext Spec Food and Nutr 3SUSIE E OVERSTREET MSPH Ext Spec Health Educ 2B L VALENTINE PhD Assoc Bact 3MARILYN PURDIE BS Assoc Ext Spec Foods and Miscellaneous 1GR LEWIS MLS Dir of Librs 3D W RIVERS M Ed Prog Ldr 5800 3J R CARPENTER BS Spec in Resource Devlpmt Horticulture 12C C SINGLETARY PhD Prof and Head of Dept 12C O BOX MS Assoc Prof and Assoc Hort Substations 3K H BUCKLEY MS Assoc Ext Hort 2H H LEVECK MS Dir 2G M GIRLING MS Inst and Res Asst 12W C GORDON MS Instr and Asst Hort Black Belt Br Expt Sta PO Brooksville 4H L HAMMETT MS Assoc Prof and Assoc Hort 2L B WALTON BS Supt 3CHESLEY HINES MS Leader of Ext Hort 1E C MARTIN Jr BFA Asst Prof and Landsc Arch 2HERSHEL JOHNSON Dairyman 12E L MOORE PhD Prof and Hort 12R B NEVINS MS Asst Prof and Asst Hort Brown Loam Br Expt Sta PO Raymond 2E G MORRISON MS Supt 12J P OVERCASH PhD Prof and Hort 2R E COATS MS Agron 3H J SMITH MS Assoc Ext Hort Coastal Plain Br Expt Sta PO Newton 2ROY KUYKENDALL BS Supt Marketing 5810 2J W McMILLAN BS Asst Agron 2T G SANDERS MS Dairy Spec 3C H MANASCO MS Leader Ext Mktg 3TRUETT S BUFKIN BS Asst Ext Mktg Spec 3A J FRANKLIN BS Asst Ext Mktg Spec 2B E WAGGONER MS Asst Agron 3E D MARTINDALE MS Assoc Ext Mktg Spec 3L L MONROE BS Asst Ext Mktg Spec Delta Br Expt Sta PO Stoneville 3GLORIA A O'CAIN BS Asst Ext Mkt Spec 2W K PORTER Jr PhD Supt 3Mrs CARMEN P RONKEN MS Asst Ext Mktg Spec 2R S BAKER PhD Plant Physiol 5F T BONNER BS For 2D H BOWMAN PhD Agron Plant Pathology and Weed Science 5820 5W M BROADFOOT MS Soil Sci (For) 2E G BURCHFIELD BS Res Asst 12S S IVANOFF PhD Prof and Head of Dept 12D C BAIN PhD Prof Field Crops Dis 5B E CARPENTER BS For 15TILDON EASLEY MS Collab Weed Sci 12C H GRAVES Jr PhD Assoc Prof Fruit Dis 5M N CHRISTIANSEN PhD Plant Physiol 5J L CLAYTON MS Agr Engin 2J C COLLINS MS Anim Husb 5F T COOKE Jr MS Agr Econ 12W W HARE PhD Prof Veg Dis 5V C HARRIS MS Collab Weed Sci 12R D PALMER PhD Assoc Prof Weed Sci 12G K PARRIS PhD Prof For Dis 5G B CROWE PhD Agr Econ 25A B WILES PhD Assoc Prof Cotton Dis 5T W CULP PhD Agron 5J B DICK MS Agron 5C J EDWARDS BS Agron 5R E FARMER PhD For 5830 Poultry Science 12J E HILL MS Prof and Head of Dept 5T H FILER PhD Path (For) 2C D FISHER BS Assoc Agron 12E J DAY PhD Prof Nutr 12L J DRIFIED PROVIDER

12L J DREESEN MS Assoc Prof Genet

3E W GARRISON MS Assoc Ext Poultryman

12BRUCE GLICK PhD Prof Physiol 5F E FULGHAM BS Agr Engin SR E FURR PhD Ent 12C H THOMAS PhD Assoc Prof Genet 3PAUL YOUNT BS Leader of Ext Poultry Husb 5E E HARTWIG PhD Agron 5A M HEAGLER MS Agr Econ 2P G HOGG PhD Agron and Asst Supt 15J T HOLSTUN Jr PhD Agron Sociology and Rural Life 5840 25H W JOHNSON PhD Plant Path 123M T LOFTIN PhD Prof and Head of Dept 5R L JOHNSON BS For 1J H BORUP MS Instr 12Mrs ELLEN S BRYANT BA Instr and Res Asst 5N E JUSTUS PhD Agron 5R M KRINARD MF For 12Mrs LUCY W COLE MA Instr Assoc Social 2M L LASTER MS Assoc Ent 5M M LINDSEY MS Agr Econ 5E P LLOYD PhD Ent 1EDNA R DAVIS MA Assoc Prof 1H E DICKINSON PhD Visiting Prof 1GERALD GLOBETTI PhD Asst Prof 12B E HADDOX PhD Asst Prof and Asst Sociol 1H F KAUFMAN PhD Prof Sociol and Dir Social Sci 2R H LOE MS Res Assoc 5J S McKNIGHT MF For 125C G McWHORTER PhD Plant Physiol Res Center 23C R SOLLIE PhD Asst Social and Leader of Ext Rural SL C MAISENHELDER MF For. 5J R MEYER PhD Plant Genet Social and Com Organ 5F L MORGAN PhD Plant Path 12Mrs ELISABETH J STOJANOVIC MA Instrand Res 5R C MORRIS MF Ent (For)
*OLIVER NEWTON BA Agr Met Asst 1DANGUOLE J VARIAKOJIS BM Asst Prof *Cooperative USDC 12G L WILBER PhD Prof and Social IK P WILKINSON MA Instr Social Psychol 4R E PARKER MS Agr Engin 5T R PFRIMMER PhD Ent 1G O WINDHAM PhD Assoc Prof 5J A PUTNAM BS Hardwood Spec 5C D RANNEY PhD Plant Path Soil Conservation 58.50 5B A ROARK PhD Plant Physiol 3C R ASHFORD MS Leader of Ext Soil Conserv 5R H ROBERTS PhD Ent (Livestock)
5P G ROTHMAN PhD Agron Veterinary Science 5860 5A L SCALES BS Ent 12J W SCALES DVM Prof and Head of Dept

Substations-Continued

5E E SCHWEIZER PhD Plant Physiol

5L L SMITH MS Agr Engin

55 D SOLOMON MS Entgris
57 D SOLOMON MS Entgris
2W I SPURGEON MS Agron
58 O THOMAS PhD Plant Physiol
58 E TOOLE PhD Path (For)

2W W WATSON BS Asst Supt

25E B WILLIAMSON BS Agr Engin

50 B WOOTEN BS Agr Engin

Natchez Br Expt Sta PO Natchez

2J A McGUIRE MS Supt

North Miss Br Expt Sta PO Holly Springs 2S P CROCKETT MS Supt

2B L ARNOLD MS Agron

Northeast Miss Br Expt Sta PO Verona

2R C ALBRITTON BS Supt

Pontotoc-Ridge-Flatwoods Br Expt Sta PO Pontotoc 2B C HURT Jr BS Supt

2MASON SUMRALL BS Asst Supt

South Miss Br Expt Sta PO Poplarville

2T E ASHLEY MS Supt 2C L BLOUNT MS Agron 5R E JEZEK BSAE Agr Engin

2W W KILBY MS Hort

SSAMUEL MERRIL Jr MS Hort

5E G PIRES PhD Plant Physiol 5J T RAESE PhD Plant Physiol

5C B SHEARE MS Plant Physiol 5B G SITTON PhD Hort

5TOM van der SZET PhD Plant Physiol

Truck Crops Br Expt Sta PO Crystal Springs

2J A CAMPBELL MS Supt

23D A AULTMAN BS Asst Hort and Asst Ext Agron Soil Testing

2W O THOMAS MS Assoc Hort

2S L WINDHAM PhD Hort

Schools of Agriculture and Home Economics of Alcorn Agricultural and Mechanical College, Lorman

1College Staff 4Leave of Absence

5890

5000

5910

IJD BOYD MS Pres

1 J A MORRIS EdD Head of Dept of Agr (Tel 420)

1Mrs LINELLE E NOLAN MS Head of Dept of Home

Econ and Teacher Trainer

Agricultural Education

1W C BOYKIN EdD Head of Teacher Trainer Agr Educ

1E S BURKE MS Prof Anim Husb

1D C CARTER MS Asst Prof Anim and Dairy Husb

1J W FORTENBERRY MS Agr Econ Res

1A G GORDON MS Itinerant Teacher Trainer Agr Educ 1W F JACKSON MS Asst Prof Agr Educ and Engin

Agronomy

1ISAAC CRUMBLY MS Head of Dept

5920

1JOSIE M COLE MS Instr Foods and Nutr 1Mrs RUTH R DEASE MA Instr Child Develpmt

1Mrs JERELENE M FOBBS MS Instr Clothing and

Relat Arts 1Mrs ZXLEMA P PRICE MS Itinerant Teacher Trainer

Home Econ and State NHA Adv

1Mrs SARAH WILLIAMS MS Instr Home Mgt

MISSOURI

College of Agriculture and the Agricultural Experiment Station of the University of Missouri, Columbia

1 College Staff 2 Station Staff 3 Extension Staff

4Leave of Absence 5Coop USDA

5930

1ELMER ELLIS PhD LLD Pres of Univ

1R E PECK PhD Asst to the Pres for Res (Tel GI 9-9694)

12E R KIEHL PhD Deam of Col of Agr and Dir of Sta

(Tel GI 9-9301)

3C B RATCHFORD PhD Dir of Coop Ext Serv (Tel GI 9-9171)

1H C FOLKS PhD Assoc Dean of Col of Agr 1S B SHIRKY MA Assoc Dean of Col of Agr Assoc

Dir of Sta (Emeritus) and Dir of Tech Educ Serv Prof of Agr (Tel GI 9-9792)

2H J L'HOTE MA Asst Dir of Sta

12J H LONGWELL PhD Dean (Emeritus) and Dir Spec

Studies and Prog

1M F MILLER DSc Dean (Emeritus)
3J C EVANS PhD Asst Dir Univ Ext Div
3C N SCHENEMAN PhD Asst Dir Univ Ext Div

3R R THOMASSON BS Asst Dir (Emeritus) Coop Ext

3Mrs KATHARYN ZIMMERMAN BS Asst Dir Univ Ext

IF L MORITZ BS Admin Asst Office of Dean and Dir 12R R ROGERS MA Admin Asst Office of Dean and Dir

123A M PRICE BS Treas

Animal Husbandry

5940

123A J DYER PhD Prof and Chmn of Dept

12M E BAILEY PhD Assoc Prof Meat Chem

3MELVIN BRADLEY PhD Assoc Prof Swine

12J E COMFORT MA Assoc Prof Prod and Mgt

12B N DAY PhD Assoc Prof Physiol (Reproduction)

12H B HEDRICK PhD Assoc Prof Meat Technol

12J F LASLEY PhD Prof Anim Genet
3J W MASSEY PhD Asst Prof Anim Brdg
3E S MATTESON BS Prof (Emeritus)

12H D NAUMANN PhD Prof Meat Technol
12F C PARRISH Jr MS Instr Meat Technol

12W H PFANDER PhD Prof Anim Nutr

12R L PRESTON PhD Assoc Prof Anim Nutr

12C V ROSS PhD Prof Prod and Mat

3J E ROSS BS Asst Prof Sheep 3H B SEWELL MS Asst Prof Cattle

12W C STRINGER PhD Instr Meats

12C E STUFFLEBEAM MS Instr Anim Genet

12G B THOMPSON PhD Assoc Prof Prod and Mat

125L F TRIBBLE PhD Assoc Prof Prod and Mgt 12S E ZOBRISKY PhD Assoc Prof Meat Technol

Chemistry (Agr)

5950 12M E MUHRER PhD Prof and Chmn of Dept

12R A BLOOMFIELD PhD Asst Prof Ruminant Nutr

2PAUL CHUNG MS Instr Protein Chem 2C N CORNELL DVM Instr Hemostasis

12E W COWAN AM Prof (Emeritus)
12A L DONOHO MS Instr Forage Anal

12LAURA M FLYNN PhD Assoc Prof Microbiol Anal

12G B GARNER PhD Asst Prof Forage Anal 12C W GEHRKE PhD Prof Chem Anal

2L D HAIGH PhD Assoc Prof (Emeritus) 2S R KOIRTYOHANN MS Instr Spectroscopy

2G H KRAMER Jr MS Instr Chem Anal

2W M LAMKIN MS Instr Chem Anal
12D T MAYER PhD Prof Biochem of Reproduction

12DONALD OBERLEAS MS Instr Nutr Biochem

12B L O'DELL PhD Prof Nutr Biochem
12E E PICKETT PhD Prof Instrumental Chem Anal

2P R REXROAD MS Instr Chem Anal

5990

6000

Chemistry (Agr) -Continued

2D L SHARPE MS Instr Chem Anal

12CHARLES STUFFLEBEAM MS Instr Physiol of Reproduction

12C W WELSCH Jr MS Instr Endrocrine Physiol Chem

5960

12J E EDMONDSON PhD Prof and Chmn of Dept

12K W BOWER MS Asst Prof Reproductive Physiol

12J R CAMPBELL PhD Asst Prof Nutr

12R G HINDERS MS Asst Prof Prod
3E T ITSCHNER MA Prof Prod
12H D JOHNSON PhD Assoc Prof Environmental Physiol

125H H KIBLER BS Asst Prof Environmental Physiol

12R T MARSHALL PhD Asst Prof Microbiol

12F A MARTZ PhD Asst Prof Nutr

3F H MEINERSHAGEN MS Prof Prod

12C P MERILAN PhD Prof Physiol and Biophy

2H S PEET BS Asst Prof Mgt

12G W PIPES PhD Asst Prof Endocrinol

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12W H E REID MA Prof Mfg

12D S SHELLEY MS Instr Mfg

12J D SIKES PhD Asst Prof Physiol and Genet

12C W TURNER PhD Prof Endocrinol

5970 Economics (Agr)

123J W McKINSEY MA Instrand Chmn of Dept

30 E ALLEN BS Prof Dairy Mktg

3P H BEBERMEYER MA Prof Farm Mgt 3CHARLES BEER PhD Prof Farm Mgt

25RONALD BIRD PhD Asst Prof Land Econ

12C H BRASCHLER PhD Assoc Prof Livestock Mktg

12DURWARD BREWER PhD Assoc Prof Livestock Mktg 34T G BROWN MS Assoc Prof Farm Mgt

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3C R CUNNINGHAM PhD Prof Veg & Fruit Mktg Retailing-Wholesaling

124J P DOLL PhD Assoc Prof Prod Econ 12F C DOPSON MS Instr Land Econ 123R M FINLEY PhD Prof Elec Data Proc

25W J FREE MS Res Assoc Mktg
12J C GRADY Jr PhD Assoc Prof Dairy Mktg

3G A GRIMES BS Assoc Prof Livestock Mktg
12A R HAGAN MA Prof Farm Mgt

12D N HARRINGTON PhD Asst Prof Grain Mktg Coop

120 R JOHNSON MA Prof (Emeritus)

3T L JOULE MA Prof Poultry Mktg Retailing-Wholesaling

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123C L KIRTLEY MS Instr Farm Mat

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3W R KRIEBEL MS Instr Transportation and Mktg

125F A LASLEY PhD Asst Prof Dairy Mktg

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124F L MANN LLM BS Asst Prof Agr Law

34C R MEEKER BS Prof Farm Mgt

12V A METCALF MS Instr Cotton Mktg 12FRANK MILLER PhD Prof Land Econ

12K E MILLER MBA Asst Prof Livestock Mktg 3D E MOSER PhD Assoc Prof Transportation and Mktg

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12L A VOSS PhD Prof Poultry Mktg

3J M WELCH PhD Prof Restaurant Mgt

12J G WEST PhD Assoc Prof Prices

12S F WHITTED PhD Prof Dairy Mktg

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Economics (Agr)-- Continued

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25D L WILLIAMS PhD Res Assoc Land Econ

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23E B ETHERIDGE MFA Prof Assoc Ed

23P H GWIN BS Assoc Prof Assoc Ed

23D J MILLER BS Instr Asst Ed

PRESS RADIO TV PHOTOGRAPHY VISUAL AIDS

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3F D DAILEY BS Asst Prof Asst Ed 2C H DUNCAN MA Assoc Ed

23Mrs ORRINE Z GREGORY MA Asst Prof Assoc Ed

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23R J HODGSON BS Instr Asst Ed

23T E HOFFMAN BA Instr Asst Ed 12A A JEFFREY BA Ed (Emeritus) 23W E MACKIE MA Instr Asst Ed

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IC R WESTON EdD Assoc Prof

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Engineering (Agr)

123H V WALTON PhD Prof and Chmn of Dept
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12D B BROOKER MS Prof Crop Drying and Mater Handling

3M W CLARK MS Prof Soil and Water

3E J CONSTIEN BS Asst Prof Farm Mach

12C F CROMWELL Jr MS Asst Prof Drain Irrig Soil and Water

12C L DAY PhD Prof Elec Power and Proc

25M R GEBHARDT BS Res Assoc Farm Mach 3R M GEORGE BS Asst Prof Mater Handling

25G L HAHN MS Res Assoc Livestock Environment 3H J HALL BS Assoc Prof Irrig and Drain

25H G HEINEMANN BS Res Assoc Soil and Water

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2KL McFATE MS Assoc Prof Farm Elec and Mater Handling 12J S McKIBBEN MS Assoc Prof Power and Mach and

Shop Mech 25R F PIEST BS Res Assoc Hydrology and Hydraulics

12L O POCHOP BS Instr Structures

3R L RICKETTS MS Prof Structures

25K E SAXTON MS Res Assoc Watershed Hydrology

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25J F THORNTON MS Res Assoc Water Mgt

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6010 Entomology
123P C STONE PhD Prof and Chmn of Dept

12H E BROWN MA Prof Small Grain Insects Ornam Insects Insect Taxon

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12M L FAIRCHILD PhD Asst Prof Agr Ent

12KEITH HARRENDORF MS Asst Prof Cotton Insects
12LEONARD HASEMAN PhD Prof (Emeritus)

12A L JENKINS MS Assoc Prof Nematol 12A J KEASTER MS Instr Agr Ent

3R E MUNSON MS Instr Ext Surv Ent

3G W THOMAS MA Assoc Prof Ext Ent 12C W WINGO PhD Prof Med and Vet Ent

3F E WOOD MS Instr Ext Ent

Taxon Acarology

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23STIRLING KYD PhD Prof and Chmn of Dept

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3S H BODENHAMER MS Prof and Ext Dist Dir 3J H BURKEHOLDER MS Assoc Prof and Ext Youth

3Mrs MARGARET B CLIFFORD BS Assoc Prof and Ext Dist Home Econ

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3MARY NELL GREENWOOD PhD Assoc Prof and Ext Dist Home Econ

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3GRACE M KLENN MA Assoc Prof and Ext Dist Home

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3VIRGINIA NORRIS MPA Asst Prof and Ext Dist Home 3R K PRICE PhD Assoc Prof and Asst Training Off

3AUDRA R ROBERTSON MS Assoc Prof and Ext Dist Home Econ

3G P ROWE MS Asst Prof and Ext Youth Spec 3N G TRICKEY MS Asst Prof and Ext Youth Spec

3BILL WICKERSHAM EdD Instr and Ext Youth Spec 3F A YOUNG BS Asst Prof and Ext Dist Dir

Field Crops

6030

6020

123E L PINNELL PhD Prof and Chmn of Dept

2E G ANDERSON PhD Vis Prof Corn Cytogenet 2W E ASLIN BS Res Assoc Seed Prod

125J D BALDRIDGE PhD Assoc Prof Forage Brdg

25J B BECKETT PhD Res Assoc Corn Genet

12E M BROWN PhD Prof (Emeritus)

2N A BROWN MS Instr Agron

120 H CALVERT PhD Asst Prof Plant Path
12L E CAVANAH MS Assoc Prof Agron and Foundation Seed Prod

125E H COE Jr PhD Assoc Prof Com Genet
25G G DOYLE PhD Res Assoc Com Cytogenet

2C J DRISCOLL PhD Instr Wheat Cytogenet 2MOSHE FELDMAN PhD Instr Wheat Cytogenet

25V L FERGASON MS Res Assoc Com Brdg

3J R FLEETWOOD MA Prof 12O H FLETCHALL PhD Prof Weed Control

2F E FORSYTH BS Res Assoc Seed Prod

12D E GREËN MS Instr Soybean and Sugar Beet Impr

2C C HAYWARD MEd Asst Prof Agron
12C F HAYWARD PhD Asst Prof Wheat Brdg

2J L HELM MS Instr Com Brdg

12R D HICKS PhD Asst Prof Weed Control and Cotton Defoliation

2GORDON KIMBER PhD Res Assoc Wheat Cytogenet

25P J LOESCH PhD Res Assoc Corn Brdg
2D K LUMSDEN BS Res Assoc Seed Prod

25A G MATCHES PhD Res Assoc Forage Mgt

2A L MATSON PhD Asst Prof Soybean Brdg

3W J MURPHY MS Prof

12M G NUFFER PhD Assoc Prof Com Genet 25E J PETERS PhD Asst Prof Weed Control-Forage 2R E PETTIT MS Instr Plant Path

12J M POEHLMAN PhD Prof Small Grain Brdg

12G P REDEI CSc Asst Prof Genet

2W P SAPPENFIELD PhD Prof Cotton Brdg

3J H SCOTT Jr BS Asst Prof Cotton
25E R SEARS PhD Prof Wheat Cytogenet

2Mrs LOTTI M S SEARS PhD Asst Prof Cytogenet

20 P SEHGAL PhD Asst Prof Virol

20 V SINGLETON BS Instr Hybrid Testing

12VIOLA M STANWAY MA Asst Prof Seed Technol
25J F STRITZKE MS Res Assoc Weed Control-Forages
25L F WILLIAMS PhD Assoc Prof Soybean Brdg

12T D WYLLIE PhD Asst Prof Plant Path

Field Crops-Continued

25M S ZUBER PhD Prof Corn Brdg

123R H WESTVELD PhD Dir of Sch and Prof

12T W BRETZ PhD Prof For Path
25K A BRINKMAN MS Res Assoc Silvic

12G E COX PhD Prof Tree Physiol

25H S CRAWFORD MS Res Assoc Game Mat

25J H EHRENREICH PhD Res Assoc Range Mgt

12D J JANES MS Instr Silvic

3L E McCORMICK BS Prof For Mgt

12E A McGINNES Jr PhD Prof Wood Technol and Prod

12K E MOORE MF Asst Prof For Cartography and Engin

124R A MUSBACH BSF Asst Prof Silvic

12A J NASH PhD Assoc Prof Mensuration and Photogrammetry

12J M NICHOLS MS Assoc Prof For Mgt

12W J O'NEIL BS Assoc Prof Wood Util
12J P PASTORET MS Asst Prof Wood Technol and Prod
12L K PAULSELL MS Assoc Prof Silvic

12R B POLK MS Assoc Prof Genet and Dendrology

25R A RALSTON MS Res Assoc For Mgt

12C D SETTERGREN MS Instr Dendrology and For Recreation

124R C SMITH DF Prof For Econ

3F W TAYLOR MWT Asst Prof Timber Util and Mktg

Home Economics 6050

123MARGARET W MANGEL PhD Dir of Sch and Prof 3ALICE M ALEXANDER BA Prof Home Mgt

1Mrs HELEN S ALLEN MS Prof Textiles and Clothing

12GEORGIA M AMICK MS Prof Food and Nutr 12RUTH E BALDWIN PhD Assoc Prof Food and Nutr 2BERTHA A BISBEY PhD Prof (Emeritus)

3Mrs MILDRED S BRADSHER BS Asst Prof Food and

Nutr-Mktg

3FLORA L CARL MA Ext Prof (Emeritus)

13Mrs MARILYN W CASELMAN MS Asst Prof Home Mot and Fam Econ

1Mrs RUTH C COOK PhD Prof Child Devlpmt and Fam

12ISABELLE N DELANEY MS Assoc Prof Food and Nutr 1JOSEPH FALSETTI MA Instr Int Design

14Mrs VIRGINIA L FISHER MS Instr Child Devlpmt and Fam Life

3JOSEPHINE F FLORY MA Prof Food and Nutr 3Mrs EILEEN E GIBSON MS Asst Prof Textiles and

Clothing

12Mrs ADELLA E GINTER MS Prof Textiles and Clothing

1Mrs ELIZABETH S HENSLEY MS Prof Food and Nutr 1Mrs JOSEPHINE M HOLIK MS Instr Textiles and Clothing

1Mrs MARY A HUBERT MS Instr Child Devlomt and Fam Life

3MARY L JOHNSON MA Asst Prof Home Mgt and Fam Econ

1C BUD KAUFMANN MA Instr Int Design

3Mrs GLINDA B LEACH MS Asst Prof Home Mgt and Fam Econ Int Design

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1E J METZEN EdD Asst Prof Home Mgt and Fam Econ 124CECELIA PUDELKEWICZ PhD Prof Food and Nutr

1Mrs RUTH L RAGSDALE BS Instr Child Devlpmt and Fam Life

1Mrs EDYTHE K RAY MS Instr Child Devlpmt and Fam Life

2Mrs CLETA C RODGERS MS Instr Food and Nutr

1KATE E ROGERS EdD Prof Int Design

12Mrs MARY L ROSENCRANZ PhD Assoc Prof Textiles and Clothing

1DORIS G SAXON MS Assoc Prof Textiles and Clothing

Home Economics-Continued

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3EMALYN F TURNER BS Assoc Prof Textiles and Clothing

1CAROLINE E WINGO MA Assoc Prof Textiles and Clothing

3LOUISE WOODRUFF MA Prof Home Mgt and Fam Econ Int Design

1ANNA C YOST MS Assoc Prof Home Mgt and Fam

6060 123R A SCHROEDER PhD Prof and Chmn of Dept

12M L. FIEL.DS PhD Asst Prof Food Proc and Microbiol

3A E GAUS PhD Assoc Prof

12R N GOODMAN PhD Prof Microbiol

12D D HEMPHILL PhD. Prof Physiol and Growth Regulators

12A D HIBBARD PhD Prof Nutr and Water Relat

12V N LAMBETH PhD Prof Veg Physiol and Brdg

3W R MARTIN Jr BS Prof

12D F MILLIKAN PhD Assoc Prof Path

12A E MURNEEK PhD Prof (Emeritus)

12M N ROGERS PhD Assoc Prof Flor Physiol and Path

12J E SMITH Jr MS Prof Flor

1W S SUMMERS MLA Assoc Prof Landsc Design

12H G SWARTWOUT MA Prof Path 12T J TALBERT MS Prof (Emeritus)

1R E TAVEN MS Assoc Prof Landsc Ornam

Poultry Husbandry 6070

123E M FUNK PhD Prof and Chmn of Dept

12H V BIELLIER PhD Assoc Prof Physiol and Turkeys

120 J COTTERILL PhD Assoc Prof Poultry Prod Technol

3G S GEIGER BS Asst Prof 124Q B KINDER MA Prof Poultry Mgt

3WALTER RUSSELL MS Prof

12J E SAVAGE PhD Assoc Prof Nutr 12A B STEPHENSON PhD Prof Brdg

Rural Sociology 6080

123R L McNAMARA PhD Prof and Chmn of Dept

12R R CAMPBELL MS Instr

12C L GREGORY MS Assoc Prof Statis

12E W HASSINGER PhD Assoc Prof

13J S HOLIK PhD Asst Prof 12C J JESSER PhD Asst Prof

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12C E LIVELY PhD Prof (Emeritus)

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25LEONARD HAND BS Res Assoc Climatol

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1R C McCLURE DVM Prof and Chmn of Dept Anat 12H C McDOUGLE DVM MA Prof and Chmn of Dept

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1C J BIERSCHWAL DVM MS Assoc Prof Surg

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1A A CASE DVM MS Prof Surg

15F W CLAYTON DVM MPH Asst Prof Bact and Parasitol

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1A J DURANT DVM MA Prof (Emeritus)
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1B L MOSELEY DVM BS Instr Path

IJ H MOSER DVM Asst Prof Surg

1K H NIEMEYER DVM MS Assoc Prof Surg

12D E RODABAUGH DVM MS Prof Path

1F E ROMACK PhD Asst Prof Anat

12G C SHELTON DVM MS Prof Bact and Parasitol

1L G TRITSCHLER DVM MS Asst Prof Surg 12H B WEIGHT DVM MS Asst Prof Path

1J E WEINMAN DVM Prof (Emeritus)

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6110

6120

6100

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12C A JONES BS Supvr of Photog Serv

2R K LEAVITT MS Supvr of Swine Test

123Mrs MARY ROBNETT Secy

12W R SANDERSON BS Supvr Central Farm Operations

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2N A BROWN MS Instr Field Crops

Southwest Center PO Mt Vernon

2C C HAYWARD MEd Asst Prof Field Crops North Missouri Center PO Spickard

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6130

10 J CHAPMAN PhD Dean
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2L DS SMITH PhD Prof and Head of Dept
23M M AFANASIEV PhD Prof Plant Path 6210 (Tel Area Code 314-636-8120 Ext 49) 2R I HAMILTON PhD Asst Prof Plant Path-Virus Dis 2H S MACWITHEY PhD Assoc Prof Plant Path-Fungus Agriculture 6140 10 G ABRAHAMS MS Instr Poultry Husb 1A T BUSBY MS Asst Prof Anim Husb and Dairying 1C E DICKINSON Jr PhD Prof Hort and Landsc Arch 2E L SHARP PhD Assoc Prof Plant Path Rust-Dis 2G A STROBEL PhD Asst Prof Plant Path-Dis Physiol 4S M TALLEY MS Asst Prof Poultry Husb Chemistry
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Animal Science and Range Management

123JAMES DRUMMOND MS Prof Wool Tech and Ext Sheep Spec

12J R Dynes MS Asst Prof Meats

12A M EL NEGOUMY PhD Asst Prof Agr Prod Util

12A E FLOWER MS Assoc Prof Anim Genet (Swine)

124A S HOVERSLAND MS Assoc Prof Anim Physiol

3N A JACOBSEN BS Asst Prof and Ext Livestock Spec

12E A KEYES PhD Prof Anim Prod (Dairy)

12R W MILLER MS Asst Prof Anim Prod (Beef Cattle and

12G F PAYNE PhD Prof Range Mgt Ecol

3E J PEACE MS Asst Prof and Ext Dairy and Swine

3D E RYERSON MS Asst Prof Ext Range Spec

12E P SMITH PhD Prof Anim Physiol
12J E TAYLOR BS Instr Range Mgt
12O O THOMAS PhD Prof Anim Nutr
12J L VAN HORN MS Prof Anim Prod (Sheep)

2L G YOUNG PhD Asst Prof Anim Nutr

1L L KNUTI EdD Prof and Head of Dept 1H E RODEBERG MS Prof Agr Educ 13BURL WINCHESTER MS Prof Ext Educ

6250 Engineering (Agr)

12C C BOWMAN MS Assoc Prof Head of Dept Irrig 6PHIL FARNES BS Hydraulic Engin

12E R HOLEKAMP MS Assoc Prof Power & Much 1D G LEE MS Asst Prof Power & Mach 12J T REDMON BS Instr Structures

Extension Administration 6260

3T S AASHEIMS MS Prof Dir

3E R AHRENDES BS Asst Prof Prog Consult

3J C BOWER MS Assoc Prof Prog Leader Pub Affairs

3R F CAMPBELL MS Assoc Prof Dist Supvr 3GERALDINE G FENN MA Assoc Prof 4-H and Other

Youth Spec

3A O JACOBS MS Assoc Prof Dist Supvr 3J G JONES MS Assoc Prof Pers and Training

3Mrs VIVIENNE B KINTZ BS Asst Prof Dist Ext Agt

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3D J LUEBBE MS Assoc Prof Program Leader Agr		2R H ROMANOWSKI PhD Asst Prof Biochem	
3HELEN McCARTHY Fin Officer		2D E WORLEY PhD Asst Prof Parasitol	
3P J MOORE PhD Prof State 4-H Club Leader and			633
Proj Leader Human Resources		Zoology and Entomology	-
3R F RASMUSSON MS Assoc Prof Dist Supvr		23J H PEPPER PhD Prof and Head of Dept and S	tate
3Mrs LOUISE S SHUNK BS Asst Prof Dist Ext Agt		Ent	
and Prog Leader Home Econ		2N L ANDERSON PhD Assoc Prof Pop Biol	
3Mrs MAE F TRUE MS Assoc Prof Dist Ext Agt		24C J D BROWN PhD Prof Fisheries Mgt	
3C W VAUGHN MS Assoc Prof 4-H and Other Yout		6L N GRAHAM BS Asst State Apiarist *	
3BURL WINCHESTER MS Assoc Prof Prog Leader		2E B HASTINGS MS Prof Insect Physiol	
Inform		2D C QUIMBY PhD Prof Wildlife Mgt	
		2G R ROEMHILD PhD Asst Prof Insect Physiol	
Home Economics	6270	2D K SCHARFF PhD Assoc Prof Toxicol	
2MARJORIE BROOKS PhD Dir Sch Home Econ and	1	3E H SMITH MS Asst Prof Ext Fish and Wildlife	Spec
Prof			
2Mrs HELEN L MAYFIELD MS. Prof Home Econ		Grasshopper Research Laboratory	633
3MARY JANE STANGL BS Instr 4-H Home Econ St		5F T COWAN MS Ent in Chg	
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		5G H HEWITT BS Agr Res Tech	
Office of Information (Publ)	6280	5FLERNOY JONES MS Ent	
2C L ISAACSON PhD Prof and Dir Inform		5J B KREASKEY PhD Ent	
2H E CAMERON MS Assoc Ed		5F B SKOOG BS Ent	
23P F JESSWEIN BS Photog			
23F J SANFORD BS Staff Artist		Livestock Sanitary Board-Diagnostic Laboratory	634
3BARBARA JEAN SAWER BS Asst Ed Home Econ		6A M JASMIN BS DVM Vet in Chg	
23L G TRUE BS Asst Dir of Inform		6E F GIBBONS BS Asst Prof	
23H M WHITE BA Asst Dir of Inform		6G A M SHARMAN BSc MRCVS Vet	
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Plant and Soil Science	6290		
12A H POST PhD Prof and Head of Dept		Montana Grain Inspection Laboratory	635
12L O BAKER BS Asst Prof Weeds		12A H POST PhD Dir	
5M A BERG BS Asst Wheat Brdg		12D J DAVIS MS Supt	
5G O BOATWRIGHT MS Soil Fert		2L W HARPER BS Inst Analyst	
5P L BROWN PhD Soil Sci		2D A NIFFENEGGER MS Asst Prof Seed Anal	
12J M CAPRIO MS Prof Agr Climatol			
IL P CARTER PhD Assoc Prof Crop Prod		Montana Wool Laboratory	636
5C S COOPER MS Assoc Crop Physiol		12F S WILLSON MS Dir	
12D J DAVIS MS Assoc Prof Agron and Supt of Grai	n	2K L COLMAN MS Asst Prof Wool Tech	
Insp Lab		123JAMES DRUMMOND MS Supvr Prof Wool Tech E	xt
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2G H ELLIS MS Asst Cereal Tech		2D D GALLINGER BS Asst Wool Tech	
12R F ESLICK MS Prof Plant Brdg			
12G E EVANS MS Instr Hort Prod			
12A H FERGUSON PhD Assoc Prof Soil Phys		USDA Forestry Sciences Laboratory	637
25C R HAUN MS Asst Wheat Brdg		5H M HUCKEBY MS Gen Engin in Chg	
12E R HEHN PhD Prof Wheat Brdg		5J V BASILE MS Range Conserv	
5E A HOCKETT PhD Agron Barley Brdg		5J E LOTAN MF Res For	
5J M HODGSON MS Agron Weeds		5W F MUEGGLER PhD 'Range Conserv	
12H A KITTAMS MS Assoc Prof Soil Fert		5DAVID TACKLE MS Res For	
12M G KLAGES PhD Prof Soil Chem	4		
5F H McNEAL PhD Agron Wheat Brdg		Wheat Stem Sawfly Investigations	638
3R F MARKS MS Asst Prof Ext For		5L E WALLACE MS Ent	
30 W McCARVER BS Instr Ext Hort			
12H N METCALF MS Prof Hort		Branch Stations	639
12J R SCHAEFFER Dr of Agr Assoc Prof Cytologer	netics	Central Mont Br Sta PO Moccasin	
3A F SHAW MS Assoc Prof Ext Agron		2A L DUBBS MS Supt	
12E O SKOGLEY PhD Asst Prof Soil Fert		2R T CHORIKI MS Asst Soils	
3C M SMITH PhD Assoc Prof Ext Soil Spec		2H R GUENTHNER BS Asst Crops	
3LES SONDER MS Inst and Ext Weed Spec		Eastern Mont Br Sta PO Sidney	
12A R SOUTHARD PhD Asst Prof Soil Surv		2G P HARTMAN MS Supt	
12C A WATSON MS Asst Prof Cereal Chem		5A L BLACK MS Soil Sci	
		2L R JOPPA MS Asst Crops	
Statistical Laboratory	6300	Huntley Br Sta PO Huntley	
2C J MODE PhD Assoc Prof Statis		2J L KRALL MS Supt	
		2D E BALDRIDGE MS Assoc Crops	
Veterinary Research Laboratory	6310	5R E CAMPBELL MS Soil Sci	
12C J YORK PhD Prof and Head of Dept		2A L RICHARDSON MS Assoc Hort	
2B D FIREHAMMER MS Assoc Prof Bact		North Mont Br Sta PO Havre	
2D H FRITTS MS Med Illus		25W C WINDECKER BS Supt	
2M L GRAY PhD Assoc Prof Bact		2L D BAUMANN BS Asst In Anim Husb	
12WW HAWKINS Jr DVM BS Assoc Prof Clin Med		2H A R HOULTON MS Asst in Soils	
12M W HULL PhD Assoc Prof Anim Physiol		2B A McCALLUM MS Asst in Crops	
6J H NEWHALL DVM Assoc Prof Clin Med		Northwestern Mont Br Sta PO R4 Kalispell	
2HAZEL D PARKER PhD Assoc Prof Virol		2C W ROATH MS Supt	
2Mrs MARY G REILLY MT Asst Prof Pathol		2V R STEWART MS Assoc Crops	

Branch Stations-Continued

U S Range Livestock Expt Sta PO Miles City

5N M KIEFFER PhD Supt 5R A BELLOWS PhD Anim Physiol 5W R HOUSTON PhD Range Conserv

SE V KREHBIEL MS Res Anim Genet

5J J URICK MS Anim Husb Western Mont Br Sta PO Corvallis

2D R MERKLEY MA Assoc Ent and Actg Supt

NEBRASKA

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6460

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3E W JANIKE BS Dean of Ext and Dir of Agr Ext Serv 477-8711 Ext 7244 and 7245

2H H KRAMER PhD Dir of Sta 477-8711 Ext 7158 and 7159

6410

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2L L BROWNLEE MS Asst Prof Found Seed
120 C BURNSIDE PhD Asst Prof Weeds
12D F BURZLAFF PhD Assoc Prof Range Mgt

12LEON CHESNIN PhD Assoc Prof Soil Chem 12W L COLVILLE PhD Assoc Prof Crops

12F. C CONARD PhD Assoc Prof Pastures

25F S DAVIS MS Instr Weed Control

2A F DREIER MS Assoc Prof Outstate Testing 2MARGARET C DRENOWATZ MLS Editor Wheat

Abstracts

12J V DREW PhD Assoc Prof Soil Surv

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2K D FRANK MS Instr Soil Fert

3J D FURRER MS Assoc Prof Agron Ext Crops
3H H GILMAN BS Asst Prof Agron Ext Conserv
25H J GORZ PhD Prof Sweetclover

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3C A HOOVER BS Instr Agron Ext Soils

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2D L KITTOCK PhD Asst Prof Castorbeans

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12J W SCHMIDT PhD Prof Small Grains

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250 J WEBSTER PhD Assoc Prof Sorghum
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2J H WILLIAMS Jr PhD Assoc Prof Chemurgic Crops

6420

6430

2N E WILLIAMS MS Instr Corn

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123R M KOCH PhD Prof Anim Sci and Chmn of Dept 12C H ADAMS MS Asst Prof Anim Sci

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3Mrs PHYLLIS B GREER MS Assoc Ext Spec Human

3 JEAN F JUDGE BS Assoc Ext Spec Food Mktg

3BEATRICE M MAY MS Asst 4-H Ext Spec Textiles and Clothing

3Mrs FLORENCE G MINIFIE BS Assoc Ext Spec Textiles and Clothing

3GENA THAMES MS Assoc Ext Spec Home Furnishings

Horticulture and Forestry

12N F CHILDERS PhD Prof and Res Spec Hort and Head of Dept

12CATHERINE H BAILEY PhD Asst Prof Pomol

2H H BOWEN MS Res Assoc Pomol

3D W BUCHANAN MS Ext Assoc Veq Crops

3E G CHRIST MS Ext Spec Pomol

120 W DAVIDSON PhD Prof and Res Spec Floriculture

12R H DeBOER MS Asst Prof Landsc Design 12W O DRINKWATER PhD Prof Veg Crops

12PAUL ECK PhD Assoc Prof Small Fruits

12J H ELLISON PhD Res Spec Veg Crops 12J R FEUCHT PhD Asst Prof Ornam Hort

2W L GEORGE Jr MS Res Asst Veg Crops 12K P HANCE MS Instr Floriculture

3M R HARRISON BS Ext Spec Flor

12R R HARVEY BS Instr Landsc Design 12L F HOUGH PhD Prof and Res Spec Pomol

3W B JOHNSON MS Assoc Ext Spec Veg Crops 3R P KORBOBO BS Ext Spec Landsc Design

3D B LACEY MS Assoc Ext Spec Home Hort 3A N LENTZ BS Ext Spec Farm For

2ECKHART LINDEMANN Res Asst Flori

3L D LITTLE Jr MS Assoc Ext Spec Nursery Mgt 12R H MERRITT PhD Asst Prof Omam Hort

12J R MORRIS MS Instr Pomol

12E R ORTON Jr PhD Asst Res Spec Ornom Hort 23B L POLLACK PhD Ext Spec Veg Crops

120VED SHIFRISS PhD Prof Veg Crops 123C R SMITH PhD Assoc Prof Small Fruits

12W E SNYDER PhD Prof Omam Hort 12B B STOUT MF Asso Prof For Mgt 12G A TAYLOR PhD Prof Veg Crops

12R F WEST MF Prof Wood Technol

12D G WHITE PhD Prof Pomol

7010 Meteorology

12A V HAVENS MS Prof Met and Dept Head 12H E HART BA Asst Instr Met

27L C RANIERE MS Lecturer Met 12M D SHULMAN PhD Asst Prof Met

7020 Microbiology (Agr) 12R L STARKEY PhD Dept Head and Prof and Res Spec Agr Microbiol

12DAVID PRAMER PhD Prof Agr Microbiol

Ovster Culture

2H H HASKIN PhD Prof Oyster Cult and Dept Head

2S Y FENG PhD Res Asst Oyster Cult 2D E KUNKLE BS Res Assoc Oyster Cult (PO Bivalve)

2J L MYHRE Res Asst Oyster Cult (PO Bivalve)

Plant Biology

12B H DAVIS PhD Prof Plant Path and Head of Dept 12STEPHEN BACHELDER MS Lecturer Plant Path Dis Omam

2EILEEN G BRENNAN MS Asst Res Spec Plant Path Air Pollution

2J C CAMPBELL Assoc Res Spec Plant Path Dis

12R A CAPPELLINI PhD Assoc Prof Plant Path Post Harvest Dis

12H E CLARK PhD Prof and Res Spec Plant Physiol Mineral Nutr

Plant Biology-Continued

12R H DAINES PhD Prof and Res Spec Plant Path Tree Fruit Dis

3S H DAVIS Jr PhD Ext Spec Plant Path

21DA A LEONE MS Asst Res Spec Plant Path Air 12G D LEWIS PhD Asst Prof Plant Path Dis Veg

12J L PETERSON PhD Asst Prof Plant Path Farm

12C A PRICE PhD Prof Plant Physiol Biochem

25A W STRETCH PhD Asst Res Spec Plant Path Dis Cranberries and Blueberries

12E H VARNEY PhD Assoc Prof Plant Path Dis Small Fruits

Soils and Crops

7050 123W R BATTLE PhD Res Spec Plant Brdg and Head of Dept

3M V ADAMS PhD Assoc Ext Spec Farm Crops

12R B ALDERFER PhD Prof Soil Physiol
12J C ANDERSON PhD Prof and Res Spec Plant Brdg

2JENNIE A BLOODGOOD BS Seed Anal
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25G D BRILL CE Assoc Res Spec Soil Conserv 12L A DOUGLAS PhD Asst Prof Soil Minerology

12R W DUELL PhD Assoc Res Spec Forage Crops
12R E ENGEL PhD Prof Turf Mgt

23R L FLANNERY PhD Ext Spec Soil Fert 12C R FUNK Jr PhD Asst Res Spec Plant Brdg

12J F GAMBLE MS Instr Spectro Chem
3J L GERWIG PhD Assoc Ext Spec Farm Crops
12W J HANNA PhD Prof Soil Fert

3R M HANNA MS Assoc Ext Spec Soil Conserv

3W H HERITAGE BS Ext Assoc Soil Fert

12R DILNICKI Res Spec Weed Control

3H W INDYK PhD Assoc Ext Spec Turf Mgt 23N I JAMES PhD Asst Ext Spec Crop Mgt

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5G A OUAKENBUSH BA Assoc Res Spec Soil Conserv

12D N RIEMER MS Instr Aquatic Weed Control
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12M A SPRAGUE PhD Prof Forage Crops
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12J C F TEDROW PhD Prof Soil Genesis

12S J TOTH PhD Prof Soil Chem

12F C UGOLINI PhD Asst Res Spec Soil Genesis

25W V WELKER Jr PhD Assoc Res Spec Weed Control

2K P WILSON MA Assoc Res Spec Soil Conserv

7060 Miscellaneous

12L B ARRINGTON PhD Libr

12H E BESLEY MS Supt of Plant and Equip 12H C BOHLKE Bursar

1M M HOOVER Jr MS Lect Biomet

12T A STRAWINSKI Bus Mgr

12JOLAN G SZENDREY BÅ Asst Libr

Substations

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250 F BAILEY BS Soil Sci Soil Survey

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2M D COOK Jr BS Instr Farm Supt Field Crops
12H B COOPER PhD Asst Prof Cotton Genet

25J R COTTON MS Assoc Agron Cotton Brdg

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25L H GILE Jr MS Soil Sci Soil Genesis

123V H GLEDHILL PhD Asst Prof Soil Fert

25J W HAWLEY PhD Geomorphology

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12J W WHITWORTH PhD Assoc Prof Weed Physiol

12B C WILLIAMS PhD Assoc Prof Soil Fert

2R L WOOD MS Asst Prof Cotton Brdg

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25C H HERBEL PhD Res Agron Range Mgt 25C P HIBLER PhD Parasitol

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12G O THRONEBERRY PhD Assoc Prof Plant Phys

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Economics (Agr)

7140

7150

7160

7170

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12G R DAWSON PhD Assoc Prof Farm Mgt 3W Y FOWLER III MS Assoc Prof Outlook

12J R GRAY PhD Assoc Prof Ranch Econ and Finance

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2D C H HSI PhD Assoc Prof Plant Path 2N R MALM PhD Asst Prof Agron Sorghum Brdg

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3C R HARRINGTON MS Assoc Dir of Ext and Prof Ext Serv

3VERA A CAULUM MS Asst Dir of Ext Coordinator of Ext Home Econ State Leader of Home Demon Agts Prof Ext Serv

LIEAN FAILING PhD Coordinator of Resident Instr Home Econ Chmn of Counseling Serv Prof Home

123A H PETERSON MA Controller of Univ Prof Bus

123R L WALSH MA Dir of Fin

Agriculture

7220

AGRONOMY

7250

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12D R BOULDIN PhD Assoc Prof Soil Sci

2R F BURT MS Res Assoc Sugar Beets

2R F DURI Mo Res Assoc augu Deces 12M G CLINE PhD Prof Soil Sci 25W G COVEY MS Res Agr Climatol 3W F CRONEY BS Ext Spec Soil Cons

2K L DAVISON PhD Res Spec Plant and Anim Nutr 12J E DAWSON PhD Prof Soil Sci

12B E DETHIER PhD Asst Prof Agr Climatol

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25J F HODGSON PhD Asst Prof Soil Sci

3H A KERR MSA Prof Soil Conserv

3R E KRENZIN PhD Assoc Prof Field Crops
25JOE KUBOTA PhD Asst Prof Soil Sci
123D J LATHWELL PhD Prof Soil Sci

245E R LEMON PhD Prof Soil Sci

25D L LINSCOTT PhD Asst Prof Field Crops

23R F LUCEY PhD Asst Prof Field Crops

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12MICHAEL PEECH PhD Prof Soil Sci

3T W SCOTT PhD Asst Prof Soil Sci 25R R SEANEY PhD Asst Prof Agron and Plant Brdg

2J J SKUJINS PhD Res Assoc Soil Microbiol 12E L STONE Jr PhD Prof For Soils

2CONCEPCION VALERA PhD Res Assoc Soil Microbiol

3H M WILSON Assoc Prof Agron

12M J WRIGHT PhD Assoc Prof Agron 3R L ZIMDAHL BS Ext Spec Sugar Beets

12P J ZWERMAN PhD Assoc Prof Soil Conserv

ANIMAL, HUSBANDRY

123J K LOOSLI PhD Prof Anim Nutr and Head of Dept 3H R AINSLIE MS Assoc Prof Anim Husb

3RAYMOND ALBRECTSEN MS Prof Anim Husb

12S A ASDELL PhD Prof Anim Physiol
12D A BENTON PhD Prof Anim Nutr
23W F BRANNON PhD Assoc Prof Anim Husb
12R W BRATTON PhD Assoc Prof Anim Husb

3J D BURKE MS Prof Anim Husb

Agriculture-Continued

23H W CARTER PhD Prof Anim Husb
12J M ELLIOT PhD Asst Prof Anim Husb
12R H FOOTE PhD Assoc Prof Anim Husb 12WILLIAM HANSEL PhD Prof Anim Husb 23D A HARTMAN PhD Assoc Prof Anim Husb 12C R HENDERSON PhD Prof Anim Husb 12D E HOGUE PhD Assoc Prof Anim Husb 3M D LACY MS Prof Anim Husb 23A M MEEK PhD Asst Prof Anim Husb

12W G MERRILL PhD Asst Prof Anim Husb 12J I MILLER PhD Prof Anim Husb

23E A PIERCE PhD Assoc Prof Anim Husb 12W G POND PhD Assoc Prof Anim Husb 12J T REID PhD Prof Anim Husb

12G H SCHMIDT PhD Asst Prof Anim Husb

23S T SLACK PhD Prof Anim Husb 12S E SMITH PhD Prof Anim Husb 23R W SPALDING PhD Prof Anim Husb 23J B STONE PhD Asst Prof Anim Husb

12J R STOUFFER PhD Assoc Prof Anim Husb 2H F TRAVIS PhD Assoc Prof Anim Husb

12G W TRIMBERGER PhD Prof Anim Husb K L TURK PhD Prof Anim Husb

12L D Van VLECK PhD Asst Prof Anim Husb 12R G WARNER PhD Prof Anim Husb 12G H WELLINGTON PhD Prof Anim Husb

3H A WILLMANMS Prof Anim Husb

BIOCHEMISTRY

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2L D WRIGHT PhD Prof Nutr

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2J L FORNEY PhD Asst Prof Fishery Biol 3J I GREEN PhD Asst Prof Conserv 123L S HAMILTON PhD Assoc Prof For 120 H HEWITT PhD Prof Wildlife Mgt 123P P KELLOGG PhD Prof Omith 12J N LAYNE PhD Assoc Prof Zool

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1A M PHILLIPS Jr PhD Assoc Prof Fishery Biol
12E C RANEY PhD Prof Zool and Fishery Biol
12C G SIBLEY PhD Prof Zool

12D Q THOMPSON PhD Assoc Prof Wildlife Mgt 12D A WEBSTER PhD Prof Fishery Biol

3B T WILKINS MS Ext Spec Conserv 3F E WINCH Jr MF Prof For

DAIRY AND FOOD SCIENCE 123R F HOLLAND PhD Prof and Head of Dept Agriculture-Continued

123P A BUCK PhD Assoc Prof Food Sci 12E A DELWICHE PhD Prof Bact 12B L HERRINGTON PhD Prof Dairy Chem

123W K JORDAN PhD Prof Dairy Sci

12G A KNAYSI PhD DSc Prof Bact
123F V KOSIKOWSKI PhD Prof Dairy Sci
12V N KRUKOVSKY PhD Prof Dairy Sci
12R E MacDONALD PhD Assoc Prof Bact 123R P MARCH MS Assoc Prof Dairy Sci

123H B NAYLOR PhD Prof Bact 123J E NOWREY PhD Asst Prof Food Sci

12H W SEELEY Jr PhD Prof Bact 12J W SHERBON PhD Asst Prof Dairy Chem 12W F SHIPE Jr PhD Prof Dairy Sci

12P J Van DEMARK PhD Prof Bact 123J C WHITE PhD Prof Dairy Sci 12S A ZAHLER PhD Asst Prof Bact

ECONOMICS (AGR)

123G W HEDLUND PhD Prof Bus Mgt and Head of Dept

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3R A BLAKELEY MS Mktg Spec 13C A BRATTON PhD Prof Farm Mgt

123E H BROWN PhD Assoc Prof Bus Mgt 12M E BRUNK PhD Prof Mktg

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12H E CONKLIN PhD Prof Land Econ

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12C D KEARL PhD Prof Farm Mgt
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12W G TOMEK PhD Asst Prof Prices

12S W WARREN PhD Prof Farm Mgt

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14M D GLOCK PhD Prof Educ Psych 1C W HILL PhD Prof Agr Educ 1R J HILLS PhD Asst Prof Educ Admin

Agriculture-Continued

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1D J McCARTY PhD Assoc Prof Educ Admn 1E D MACKLIN MA Asst Prof Educ Psych

1JASON MILLMAN PhD Asst Prof Educ Psych and Meas

10 G MINK EdD Asst Prof Secon Educ

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1V C NUCCIO EdD Asst Prof Educ Admin and Dir Educ Placement Bur

1V N ROCKCASTLE PhD Prof Nature and Sci Educ

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ENGINEERING (AGR)

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12J C FRANCLEMONT PhD Prof Ent 1D J HALL PhD Asst Prof Biol

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123J G MATTHYSSE PhD Prof Econ Ent

123R A MORSE PhD Assoc Prof Apic 13A A MUKA PhD Assoc Prof Ent

123J A NAEGELE PhD Assoc Prof Ent
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Agriculture-Continued

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3M E HISLOP MS Asst Prof Ext Serv and Asst State Leader of County Agr Agts

3D L JEWETT MS Asst Prof Ext Serv and Asst State 4-H Club Leader

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Home Econ 123J K ESTES BFA Graphic Designer Ext Teaching and

3Mrs ELEANOR S FOSTER BS Ext Spec Ext Teaching and Inform

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2DAVID GLIDDEN BA Television Spec Ext Teaching and Inform

123Mrs EMILIE T HALL AB Asst Prof Ext Teaching and Inform Ed Home Econ

123L W KAISER BFA Assoc Prof Ext Teaching and Inform

123J S KNAPP BS Prof Ext Teaching and Inform

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3J E LAWRENCE BS Ext Television Spec Ext Teaching and Inform

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123J W BOODLEY PhD Assoc Prof Flor 123J F CORNMAN PhD Prof Ornam Hort

3R L DWELLE BLA Lect

1Mrs ANN M ELLIOT BFA Asst Prof Freehand Drawing

3C C FISCHER MS Asst Prof Flor

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12R E LEE PhD Assoc Prof Flor

3A S LIEBERMAN MS Asst Prof Flor

123R C MOWER PhD Asst Prof Ornam Hort

123A M S PRIDHAM PhD Prof Ornam Hort
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12J W INGRAM Jr PhD Asst Prof Bot Bailey Hortorium

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12R E ANDERSON PhD Assoc Prof Plant Brdg
12KEEWHAN CHOI PhD Asst Prof Biol Statis Biomet
Unit
12L V CROWDER PhD Assoc Prof Plant Brdg
3C E OSTRANDER MS Assoc Prof Poultry Husb
3E A SCHANO MS Assoc Prof Poultry Husb
12M L SCOTT PhD Prof Anim Nutr
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12H L EVERETT PhD Assoc Prof Plant Brdg
12W T FEDERER PhD Prof Biol Statis Biomet Unit

12N F JENSEN PhD Prof Plant Brdg

12C C LOWE PhD Assoc Prof Plant Brdg

123H M MUNGER PhD Prof Plant Brdg and Veg Crops 12R L PLAISTED PhD Assoc Prof Plant Brdg

12D S ROBSON PhD Assoc Prof Biol Statis Biomet

 125R R SEANEY PhD
 Assoc Prof Plant Brdg and Agron

 125 R SEARLE PhD
 Asst Prof Biol Statis Biomet Unit

 123 R SEARLE PhD
 Asst Prof Rural Sociol

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 Asst Prof Biol Statis Biomet Unit

 123 R SEARLE PhD
 Asst Prof Rural Sociol

12A M SRB PhD Prof Genet

12H T STINSON PhD Prof Genet

12BRUCE WALLACE PhD Prof Genet

12D H WALLACE PhD Asst Prof Plant Brdg and Veg Crops

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23R C CETAS PhD Assoc Prof Plant Path (PO Riverhead)

2R S DICKEY PhD Assoc Prof Plant Path 123A W DIMOCK PhD Prof Plant Path

2M B HARRISON PhD Assoc Prof Plant Path (PO Seaford)

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3W T JOHNSON PhD Asst Prof Ent and Plant Path

23E D JONES PhD Asst Prof Plant Path

12R P KORF PhD Prof Mycol

23J W LORBEER PhD Asst Prof Plant Path

12W F MAI PhD Prof Plant Path

Agriculture-Continued

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12R L MILLAR PhD Asst Prof Plant Path
23P E NELSON PhD Assoc Prof Plant Path (PO Farminadale)

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2L C PETERSON PhD Prof Plant Path

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30 E SCHUTLTZ PhD Asst Prof Plant Path

3A F SHERF PhD Prof Plant Path

123W A SINCLAIR PhD Asst Prof Plant Path

12L J TYLER PhD Prof Plant Path

42R E WILKINSON PhD Assoc Prof Plant Path 23C E WILLIAMSON PhD Assoc Prof Plant Path (PO

Farmingdale)

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12L J EDGERTON PhD Prof Pomol

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12R M SMOCK PhD Prof Pomol 13J P TOMKINS PhD Assoc Prof Pomol

POULTRY HUSBANDRY

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12R C BAKER PhD Prof Food Sci

2D E CHRISTENSEN PhD Res Assoc

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INDRAJIT DESAI PhD Res Assoc

12F B HUTT PhD DSc Prof Anim Genet

30 F JOHNDREW Jr MS Assoc Prof Poultry Husb

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12ARI vanTIENHOVEN PhD Assoc Prof Avian Physiol

12R J YOUNG PhD Assoc Prof Anim Nutr

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12J W LONGEST PhD Assoc Prof

5N L LeRAY MS Res Assoc

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12PHILIP TAIETZ PhD Assoc Prof Rural Social

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23E E EWING PhD Asst Prof Veg Crops 12J D HARTMAN PhD Prof Veg Crops
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12W C KELLY PhD Prof Veg Crops 123P A MINGES PhD Prof Veg Crops 2G J RALEIGH PhD Prof Veg Crops

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23R F SANDSTED PhD Assoc Prof Veg Crops 2R L SAWYER PhD Prof Veg Crops (PO Riverhead)

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Home Economics

7260

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12J S HARDING PhD Assoc Prof Child Devlpmt and Fam

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12HARRY LEVIN PhD Prof Child Devlpmt and Fam Relat

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12 JEAN WARREN PhD Prof Household Econ and Mgt 3CLARA M WENDT MS Asst Prof Household Econ

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3C E GARNER BFA Asst Prof Housing and Design 3C RUTH KREDELL MA Asst Prof Housing and

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41CLARA J STRAIGHT MFA Assoc Prof Housing and Design

3MARY A VANDECAR MALS Asst Prof Housing and

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7280

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3J B CHENEY DVM Field Vet (Mastitis-Canton)

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12B E SHEFFY PhD Prof Nutr 3W C WAGNER DVM Res Vet (Bovine Sterility) 12A J WINTER DVM PhD Assoc Prof Path and Bact 12J H WHITLOCK DVM MS Prof Vet Parasitol

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12G E ROSS Jr DVM Asst Prof Small Anim Med

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MISCELLANEOUS.

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2KOJI OHIRA PhD Visiting Res Assoc 12E M SHANTZ PhD Assoc Prof Lab of Cell Physiol

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Editorial 7290

2H PAULINE JENNINGS BLS Libr

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2A C DAVIS PhD Assoc Prof Veg Insects

2R W DEAN PhD Prof Tree Fruit Insects (PO

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2F L McEWEN PhD Assoc Prof Veg Insects
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2G A SCHAEFERS PhD Asst Prof Small Fruit Insects
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2Mrs CLARA M SPLITTSTOESSER PhD Expt Insect

2T N TAFT BS Expt Grape Insects (PO Fredonia) 2E F TASCHENBERG PhD Prof Grape Insects (PO

Fredonia)

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2M C BOURNE PhD Asst Prof Food Sci

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2D F FARKAS PhD Asst Prof Food Proc Ext

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2L R HACKLER PhD Asst Prof Biochem 2Mrs ADA M HILL PhD Res Spec

24R L LABELLE BCE Assoc Prof Chem

2F A LEE PhD Assoc Prof Chem 2G L MACK PhD Assoc Prof Chem

2L M MASSEY Jr PhD Assoc Prof Biochem 2L R MATTICK PhD Assoc Prof Food Sci

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2H R PALLESEN MS Pilot Plant Supvr 2C S PEDERSON PhD Prof Bact

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2R S SHALLENBERGER PhD Assoc Prof Biochem

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2I J WAHBA PhD Res Spec

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2A J BRAUN PhD Prof Small Fruit Dis 2R M GILMER PhD Prof Nursery Stock Dis

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Pomology 2JOHN EINSET PhD Prof and Head of Dept Brdg

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20 F CURTIS Jr PhD Assoc Prof Physiol

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2D K OURECKY PhD Asst Prof Brdg

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2T J KENNY BS Seed Technol Grain and Forage Seed Var Purity

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Var Purity

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2G H GIBBS BS Expt Hort

2G E MacDONALD MS Expt Soil Fert 2G A MARX PhD Asst Prof Brdg and Genet (Peas

2WILLIAM MISHANEC BS Expt Brdg and Genet (Peas Tomatoes)

2N H PECK PhD Asst Prof Soil Fert

Vegetable Crops-Continued

2R W ROBINSON PhD Asst Prof Brdg and Genet (Tomatoes Cucumbers)

2STANTON SHANNON PhD Asst Prof Plant Physiol

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4Leave of Absence 5Coop USDA 6Under the State
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Agricultural Information

7370

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3T M BYRD BA Assoc Ed News

2A M DEEKENS MS Assoc Ed Pubs

3T M HYMAN MS Assoc Ed Radio-TV 2R P LOWE BA Asst Ed Publications

3MAIDRED MORRIS BS Home Econ Ed News

1ELBERT REID MA Asst Prof Commun Teaching/Pub 3H L REYNOLDS BS Asst Ed TV

3WOODROW H SEARS AB Asst Ed Pub

2J W UPCHURCH Jr BA Asst Ed News

Animal Science

7380

12I D PORTERFIELD PhD Prof and Head of Dept Anim

3A V ALLEN MS Ext Prof Beef Cattle and Sheep

12E R BARRICK PhD Prof and Head of Anim and Dairy Husb Sect

125E G BATTE DVM Prof and Head of Anim Dis Sect

3J S BUCHANAN BS Ext Prof Beef Cattle and Sheep
2E V CARUOLO PhD Asst Prof Cellular Physiol
12A J CLAWSON PhD Assoc Prof Swine Nutr
3R D CONOVER BS Ext Instr (Peru) Dairy Cattle

12D G DAVENPORT PhD Asst Prof Dairy Cattle Nutr and Econ

12E U DILLARD PhD Assoc Prof Anim Genet

12G L ELLIS MS Instr Anim Husb (Peru) Beef Cattle 3J D GEORGE BS Ext Prof Dairy Cattle Brdg and Mgt

12LEMUEL GOODE PhD Assoc Prof Reproductive Physiol

12J H GREGORY MS Instr Beef Cattle Mgt

3J R JONES PhD Ext Asst Prof Area Swine Spec 3JACK KELLEY MS Ext Prof in Chg of Anim Husb Ext

3J J KEMPER MS Ext Anim Husb (Peru) Sheep

Animal Science-Continued

3F N KNOTT MS Ext Asst Prof Dairy Cattle Feeding and Mat

12J M LEATHERWOOD PhD Asst Prof Anim Nutr

2J G LECCE PhD Prof Anim Dis

12J E LEGATES PhD Wm Neal Reynolds Distinguished Prof and Head of Anim Brdg Sect Anim Genet

34R L McGUIRE MS Ext Asst Prof 4-H Work Anim Husb 2F F McKENZIE PhD Vis Prof (Peru) Reproductive Physiol

12J J McNEILL PhD Asst Prof Anim Nutr

12GENNARD MATRONE PhD Wm Neal Reynolds Distinguished Prof Anim Nutr

12R D MOCHRIE PhD Assoc Prof Dairy Nutr and Physiol 125D J MONCOL DVM Asst Prof Vet Parasitol

2J L MOORE MS Asst Prof Dairy Cattle Mgt

12W R MURLEY PhD Prof Dairy Cattle Mat

12R M MYERS MS Asst Prof Reproductive Physiol
3D C PARDUE BS Ext Instr Dairy Farm Records
3G S PARSONS MS Ext Assoc Prof Dairy Cattle Feeding and Housing

3J W PATTERSON MS Ext Assoc Prof Beef Cattle and Testing

3B S PERRYMAN DVM Ext Asst Prof Vet

12J D PETTYJOHN MS Instr Dairy Nutr

2A H RAKES PhD Asst Prof Dairy Nutr 12H A RAMSEY PhD Assoc Prof Anim Nutr

3R R RICH BS Ext Asst Prof Dairy Cattle Feed and Mgt (PO Burgaw)

120 W ROBISON PhD Asst Prof Anim Genet
3F D SARGENT MS Ext Instr Dairy Prod Records and Brda

3M E SENGER MS Ext Prof in Chg of Dairy Husb

2W W G SMART Jr PhD Assoc Prof Anim Nutr and Statis

2F H SMITH MS Prof Anim Nutr

3D G SPRUILL MS Ext Asst Prof Swine

12S B TOVE PhD Prof Anim Nutr

3L T TWOMBLY BS Livestock Ext Adv Sheep (Peru)
12L C ULBERG PhD Prof Reproductive Physiol

12W A WILDER MS Instr Livestock Mat

12G H WISE PhD Wm Neal Reynolds Distinguished Prof and Head of Anim Nutr Sect

125M B WISE PhD Assoc Prof Ruminant Nutr

3J R WOODARD BS Ext Assoc Prof Swine Testing

Botany and Bacteriology 7.390

2H T SCOFIELD PhD Prof (Peru) Plant Physiol

12E A BALL PhD Prof Plant Anat 12E O BEAL PhD Assoc Prof Actg Head of Dept

12A W COOPER PhD Assoc Prof Plant Ecol

12W J DOBROGOSZ PhD Asst Prof Bact Physiol

12 J B EVANS PhD Assoc Prof Bact Physiol
12 J B EVANS PhD Prof Bact Physiol
12 J W HARDIN PhD Assoc Prof Syst of Higher Plants

12J S KAHN PhD Asst Prof Photosynthesis 5H E PATTEE PhD Asst Prof Lipids

5HEINZ SELTMANN PhD Asst Prof Plant Physiol

12J R TROYER PhD Assoc Prof Plant Physiol 12L A WHITFORD PhD Prof Phycology

Crop Science

12P H HARVEY PhD Wm Neal Reynolds Distinguished Prof and Head of Dept Crop Brdg Hybridization

3R R BENNETT MS Ext Prof Field Crops

3C T BLAKE PhD Ext Asst Prof Past and Forage

5C A BRIM PhD Res Assoc Prof Crop Brdg Hybridi-

124D S CHAMBLEE PhD Prof (Peru) Plant Ecol

3J G CLAPP MS Ext Instr Past and Forage Crops 3E R COLLINS PhD Prof in Chg of Crop Sci Ext Crop Mgt

5W A COPE PhD Res Assoc Prof Crop Brdg 3S H DOBSON MS Ext Prof (Peru) Past and Forage

Crops 5J W DUDLEY PhD Res Assoc Prof Plant Genet Crop Science-Continued

2D A EMERY PhD Assoc Prof Crop Brdg Hybridiza-

2W T FIKE PhD Asst Prof Crop Mgt

2W FIRE PhD Asst Prof Crop Mgt
12D U GERSTEL PhD Prof Plant Genet
12W B GILBERT PhD Asst Prof Turf
3D M GOSSETT PhD Ext Asst Prof Field Crops
12W C GREGORY PhD Wm Neal Reynolds Distinguished Prof Plant Genet

25H D GROSS PhD Assoc Prof Past and Forage Crops
5G R GWYNN PhD Res Asst Prof (PO Oxford) Crop

Brdg Hybridization

25J L HALL PhD Asst Prof Nonfood Crop Prod

3W L HALTIWANGER PhD Ext Spec Field Crops 3S N HAWKS BS Ext Assoc Prof Field Crops

12G L JONES PhD Prof Crop Brdg Hybridization
2L A JONES PhD Assoc Prof Nonfood Crop Prod

12G C KLINGMAN PhD Prof Weed Control 5J A LEE PhD Res Asst Prof Plant Genet

12W M LEWIS PhD Assoc Prof Weed Control

2F W McLAUGHLIN MS Assoc Prof and Asst Dir of NC Crop Impr Assoc Seeds

12T J MANN PhD Prof Plant Genet

5J R MAUNEY PhD Res Assoc Prof Plant Physiol

2G K MIDDLETON PhD Prof Emeritus

12D A MILLER PhD Asst Prof Crop Brdg Hybridization
2P A MILLER PhD Prof Crop Brdg Hybridization
2R P MOORE PhD Prof Seeds

5D E MORELAND PhD Res Assoc Prof Plant Physiol

2C F MURPHY PhD Asst Prof Crop Brdg Hybridization 3ASTOR PERRY MS Ext Assoc Prof Field Crops

2P W PERRY BS Instr Weed Control

2L L PHILLIPS PhD Assoc Prof Plant Genet

42J C RICE PhD Prof and Dir of NC Crop Impr Assoc (Peru) Seeds

2F L SELMAN MS Instr Weed Control

5LUTHER SHAW PhD Assoc Prof Crop Mgt 2E C SISLEP PhD Asst Prof Intermediary Metabolism

Biosynthesis

3H G SMALL PhD Ext Asst Prof Field Crops 3A D STUART MS Ext Prof (Peru) Field Crops

5D L THOMPSON PhD Res Prof Crop Brdg Hybridization

2D H TIMOTHY PhD Assoc Prof Plant Genet

3W G TOOMEY BS Ext Instr Crop Mgt

12R P UPCHURCH PhD Assoc Prof Weed Control

2J BWEBER Asst Prof Weed Control

2J A WEYBREW PhD Wm Neal Reynolds Distinguished Prof Biochem Mechanisms

5D C WHITENBERG PhD Res Asst Prof Plant Physiol

3A D WORSHAM PhD Ext Asst Prof Weed Control

7410 Economics (Agr)

12C E BISHOP PhD Wm Neal Reynolds Distinguished Prof and Head of Dept Econ

3J G ALLGOOD MA Ext Asst Prof Farm Mgt

3R S BOAL MS Ext Assoc Prof Mktg Agencies

2W E BOYET BS Instr Econ

12G L BRADFORD MS Instr Econ

4R C BROOKS MS Instr Cotton Mktg
3G L CAPEL PhD Ext Prof in Chg Mktg

12A B CARROLL MS Instr Econ 3G R CASSELL MS Ext Assoc Prof Livestock Mktg

3G H CASSELL MS EXT ASSOC PROFILEMENTS
12J S CHAPPELL PhD Asst Prof Econ
12J D COFFEY MS Instr (Peru) Econ
12A J COUTU PhD Prof (Peru) Econ
3R D DAHLE MS Ext Instr Mktg Firm Mgt

2B R EDDLEMAN MS Instr Econ

12B M FARMER BS Instr Econ 12J O FRYE MS Instr Econ

2H M HAMLIN PhD Vis Prof Educ
3D G HARWOOD MS Ext Asst Prof Form Mgt
5J L HEDRICK MS Agr Econ

2V W HENDERSON PhD Vis Prof Econ

12W R HENRY PhD Assoc Prof Econ

3GAYNELLE HOGAN BS Consum Mktg Spec

Economics (Agr)-Continued

3H A HOMME MS Ext Assoc Prof Dairy Mktg

12D M HOOVER PhD Assoc Prof in Chg Teaching Econ

12L A IHNEN PhD Asst Prof Econ

12E F JANSEN Jr BS Instr Econ 12P R JOHNSON PhD Assoc Prof Econ

2W E JOHNSTON BS Instr Econ

3R L JOHNSTONE PhD Ext Assoc Prof Form Mgt

3E W JONES PhD Ext Asst Prof Public Affairs

12R A KING PhD Prof Econ

2G K KRIPALANI MS Instr Econ

2E E LIEBHAFSKY PhD Visiting Prof Econ Labor

4H L LINER MS Ext Instr Form Mgt 12J G MADDOX PhD Prof Econ

2J C MATTHEWS Jr MS Instr Econ

12D F NEUMAN PhD Asst Prof Econ 3T E NICHOLS Jr MS Ext Assoc Prof Grain Mktg

12E C PASOUR Jr PhD Asst Prof Econ 12R J PEELER Jr PhD Asst Prof Econ

12W H PIERCE PhD Prof Econ 3E A PROCTOR MS Ext Assoc Prof Fruit and Veg Mktg 3C R PUGH PhD Ext Assoc Prof in Chg Farm Mgt and Public Affairs

5D A REIMUND MS Agr Econ

5D D ROHDY BS Agr Econ 2G S SANFORD MS Instr Econ

12R A SCHRIMPER MS Instr Econ
12J A SEAGRAVES PhD Assoc Prof Econ

12R L SIMMONS PhD Asst Prof Econ

3P S STONE MS Ext Instr Form Mgt
5J G SUTHERLAND PhD Agr Econ

5L E TALBERT MS Agr Econ 12G S TOLLEY PhD Prof Econ

12W D TOUSSAINT PhD Prof Econ 3Mrs RUBY P UZZLE BA Ext Asst Prof Consum Mktg

(Peru) 12T D WALLACE PhD Assoc Prof Econometrics

2Y WANG PhD Instr Econ

3C R WEATHERS MS Ext Assoc Prof Form Mgt

12D A WEST PhD Asst Prof Econ 12T K WHITE Jr MS Instr (Peru) Econ

Education (Agr) 1J B KIRKLAND PhD Prof Dean of Sch of Educ

IC C SCARBOROUGH EdD Prof and Head of Dept

1H E BEAM EdD Asst Prof

1C D BRYANT MS Asst Prof 1G B JAMES EdD Adjunct Prof 1T R MILLER PhD Asst Prof

1C H ROGERS MS Instr

Engineering (Agr)

7430 12F J HASSLER PhD Prof and Head of Dept

2E O BEASLEY MS Res Instr Peanut Mech
12G B BLUM Jr MA Agr Engin Asst Prof Forage Preserv
12H D BOWEN PhD Prof Cotton Mech and Electrostatic Dusting

5J W DICKENS MS Asst Prof Peanut Proc and Mktg

3H M ELLIS BS Ext Prof in Chg of Agr Engin Ext Irrig and Safety

23J C FERGUSON BS Ext Assoc Prof Field Crops Mech

1J M FORE MS Prof Power and Mach

3J W GLOVER BS Ext Asst Prof Field Crops Mech

1E L HOWELL MEd Assoc Prof Farm Mech and Power and Mach

12B K HUANG PhD Asst Prof Mach Design

2E G HUMPHRIES MS Res Instr Tobacco Curing

12W H JOHNSON PhD Asst Prof Tobacco Curing 12K A JORDAN PhD Asst Prof Anim Structures

12D A LINK PhD Asst Prof Systems Engr

12W F McCLURE MS Res Instr Instrumentation and Crop Proc

3R M RITCHIE Jr BS Ext Assoc Prof Anim Structures

3R E SNEED BS Ext Instr Irrig and Drain

12W E SPLINTER PhD Prof Tobacco Mech and Electrostatic Dusting

7420

Engineering (Agr)-Continued

12C W SUGGS PhD Assoc Prof Tobacco Mech and Human Engr

125JAN VAN SCHILFGAARDE PhD Prof Irrig and Drain 3W C WARRICK BS Ext Assoc Prof Rural Housing 23R W WATKINS MS Ext Asst Prof Crop Proc

12J W WEAVER Jr BS Prof Forage Preserv

5C R WILLEY PhD Asst Prof Soil Physics

5R E WILLIAMSON PhD Asst Prof Plant Physiol

12E H WISER MS Res Instr Watershed Hydrology
2F S WRIGHT MS Res Instr Veg Mech

Entomology

12C F SMITH PhD Prof and Head of Dept Aphids

12R C AXTELL PhD Asst Prof Insect Control 12C H BRETT PhD Prof Veg Insects

2W G BRUCE MS Vis Prof Insect Pests

12W V CAMPBELL PhD Assoc Prof Forage Crop Insects
2R B CHALFANT PhD Asst Prof Veg Insects
2W C DAUTERMAN PhD Asst Prof Pesticide

Metabolism

3J M FALTER PhD Asst Prof Field and Fruit Crops
12M H FARRIER PhD Assoc Prof For Insects
12F E GUTHRIE PhD Prof Insect Physiol

12ERNEST HODGSON PhD Assoc Prof Insect Phospholipids

2M D JACKSON MS Instr Anal and Methods

3G D JONES MS Prof In Chg Ent Ext 2A R MAIN PhD Assoc Prof Enzyme Kinetics

12W J MISTRIC PhD Assoc Prof Tobacco Insects

12H B MOORE MS Instr Wood Pests
2D A MOUNT MS Instr Survey

12H H NEUNZIG PhD Assoc Prof Biol

12R L RABB PhD Prof Tobacco Insects

3R L ROBERTSON MS Asst Prof Crop and Tree Pests

2G F TURNIPSEED BS Asst Prof Apple Insects

12C G WRIGHT PhD Asst Prof Household Pests

12D A YOUNG PhD Prof Homoptera

Extension Service ADMINISTRATION 7450

7440

3ANAMERLE ARANT MS Dist Home Econ Agt 3T C BLALOCK PhD Dist Form Agt

3G C DOBBINS MS Dist Form Agt

3Mrs CALLIE C HARDWICKE MS Dist Home Econ Agt 3MARY HARRIS MS Dist Home Econ Agt

3THELMA HINSON BS Dist Home Econ Agt 3M E HOLLOWELL BS Dist Form Agt

3NELL KENNETT BS State Home Econ Leader 3LORNALANGLEY MS Dist Home Econ Agt

3Mrs MARY L McALLISTER BS Dist Home Econ Agt

3C S MINTZ BS Dist Form Agt

3E L NORTON BS Dist Form Agt
3J E PILAND BS Dist Form Agt

3D D ROBINSON BS Test Dem Supvr 34Mrs MYRLE L SWICEGOOD BS Dist Home Econ Agt

4-H CLUB

3LYMAN DIXON BS Acting State 4-H Club Leader

3MARGARET E CLARK BS Dist 4-H Club Agt

3W M GARMON MS Dist 4-H Club Agt

3DAN F HOLLER BS Dist 4-H Club Agt

3MARY SUE MOSER BS Dist 4-H Club Agt

3D W SMITH MS Dist 4-H Club Agt

3FRED WAGONER BS Dist 4-H Club Spec

HOME ECONOMICS

3MARTHA ANN HURT MS Ext Clothing Spec 3Mrs RACHEL H FERGUSON MS Ext Foods and Nutr

3FRANCES JORDAN MS Spec in Chg Ext Family Relat 3MARY EM LEE MS Spec in Chg Ext Clothing

3Mrs LILLIE B LITTLE BS Ext Housing and House Furnishings Spec

3Mrs EDITH B McGLAMERY BS Ext Housing and House Furnishings Spec

3NITA ORR BS Spec in Frozen Foods

3IOLA PRITCHARD MS Spec in Food Conserv and Mktg

Extension Service-Continued

3Mrs KATHERINE S RIGGLE BS Spec in Chg Ext Home Mat

3MARJORIE SHEARIN MS Spec in Creative Crafts 3VIRGINIA WILSON MA Spec in Chg Ext Foods and

3CHARLOTTE M WOMBLE MS In Chg Housing and House Furnishings

PROGRAM PLANNING

3F S SLOAN BS State Program Leader 3C P MARSH MS Ext Eval Spec

Food Science

123W M ROBERTS PhD Prof and Head of Dept Dairy Prods

7460

12L W AURAND PhD Prof Dairy Chem

5T A BELL MS Assoc Prof Fruit and Veg Chem

12R J BINGHAM PhD Asst Prof Dairy Chem

12T N BLUMER PhD Prof Meat Prods

12F F BUSTA PhD Asst Prof Food Microbiol

3J A CHRISTIAN MS Ext Prof Meat Prods

12H B CRAIG PhD Asst Prof Meat Prods

25J L ETCHELLS PhD Prof Fruit and Veg Chem

12DANIEL FROMM PhD Assoc Prof Poultry Prods 13M E GREGORY PhD Ext Asst Prof Dairy Prods

2M W HOOVER PhD Prof Fruit and Veg Res

12I D JONES PhD Prof Fruit and Veg Res 12V A JONES PhD Asst Prof Food Engin

3N C MILLER MS Ext Asst Prof Fruit and Veg Prods

2J H NAIR PhD Vis Prof Fruit and Veg Res 12M L SPECK PhD Wm Neal Reynolds Distinguished Prof Food Microbiol

3F R TARVER PhD Ext Assoc Prof Poultry Prods 3F B THOMAS PhD Ext Assoc Prof Secrood Prods

12F G WARREN PhD Prof Quality Control

3J F WILES BS Ext Instr Indus Engin

Forestry

12R J PRESTON Jr PhD Prof and Head of Dept and Dean of Sch of For

12A C BAREFOOT DF Assoc Prof For Prods

12R C BRYANT PhD Prof For Mgt

1R M CARTER MS Prof For Prods

3R S DOUGLASS MF Ext Spec (PO Clinton) For Mgt
12J W DUFFIELD PhD Prof Silvic

13P J DYSON MS Asst Prof For Mgt 12E L ELLWOOD PhD Prof For Prods

3J H GILLIAM BS Ext For Spec For Mat

2R C GILMORE MWT Instr For Prods

3LEONARD HAMPTON BS Ext For Spec For Mgt 2C A HART PhD Assoc Prof For Prods

12R G HITCHINGS MF Assoc Prof For Prods

3L H HOBBS BS Ext For Mktg Spec For Prods

3W T HUXTER MWT Ext Spec For Prods

12B A JAYNE PhD Prof For Prods

3E M JONES BS Ext For Spec For Mgt

3J C JONES BS Ext For Spec For Mgt

3W M KELLER MF Asst State Ext For 2R C KELLISON BS Instr Silvic

3W E KEPPLER Jr MF Ext Spec For Prods

12JO LAMMI PhD Prof For Mgt

1C G LANDES BS Asst Prof For Prods 2R L McELWEE MS Instr For Mgt

12T E MAKI PhD Prof For Mgt

12T O PERRY PhD Assoc Prof Plant Gen

12J T RICE MS Instr For Prods 12A J STAMM PhD Prof For Prods

3W McK STANTON BS Ext For Spec For Mgt

124R J THOMAS MWT Asst Prof For Prods 3F E WHITFIELD BS Ext For Spec For Mgt

2B J ZOBEL PhD Prof Population Studies

Genetics

2F B ARMSTRONG PhD Asst Prof Biochem and Microbiol

1C H BOSTIAN PhD Prof Actg Head of Dept

Genetics-Continued

2Mrs M PFLUGE GREGORY PhD Assoc Genet Plant 12D S GROSCH PhD Prof Reproductive Physiol
2W D HANSON PhD Prof Math

12KEN-ICHI KOJIMA PhD Assoc Prof Population
2D F MATZINGER PhD Assoc Prof Plants

12L E METTLER PhD Assoc Prof Population Studies 2R H MOLL PhD Assoc Prof Quantitative

5GENE NAMKOONG PhD Res Asst Prof For

2L C SAYLOR PhD Asst Prof For 5W M SCHUTZ PhD Res Asst Prof Quantitative

12B W SMITH PhD Prof Plant Cytogenet 12S G STEPHENS PhD Prof Plant Cytogenet

2A C TRIANTAPHYLLOU PhD Asst Prof Nematode

Home Economics (The University of N C at Greensboro) 7490

2NAOMI ALBANESE PhD Deam of Sch
24Mrs SAVANNAH S DAY MS
2Mrs KATE B GARNER MS
2PAULINE E KEENEY PhD Prof Textiles 2Mrs VIRA R KIVETT MS Res Instr Child Devlpmt
2A C MAGEE PhD Assoc Prof Nutr
2I V SPERRY EdD Prof Child Devlpmt

Horticultural Science

Cytology

7500

12F D COCHRAN PhD Prof and Head of Dept
12W E BALLINGER PhD Assoc Prof Fruit Nutr and Physiol

4A A BANADYGA MS Ext Prof Veg Crops

12T F CANNON PhD Assoc Prof Ornam

2E E CHAMBERS PhD Asst Prof Weed Control

12F E CORRELL MS Asst Prof Fruit Brdg

3H M COVINGTON MS Ext Prof Veg Crops

2A S FISH PhD Asst Prof Fruit Nutr and Physiol

12G J GALLETTA PhD Asst Prof Fruit Brdg

12M E GARDNER BS Prof Gen

3J H HARRIS BS Ext Prof in Chg Home Beaut 12F L HAYNES PhD Prof Pot Brdg and Genet

12W R HENDERSON PhD Asst Prof Veg Brdg

3G R HUGHES BS Ext Instr Veg Crops

2J M JENKINS Jr PhD Prof Plant Brdg (PO Castle Hayne)

2T R KONSLER PhD Asst Prof Veg Prod (PO Fletcher Rte 21

3M H KOLBE MS Ext Prof Fruit Crops
5L J KUSHMAN MS Assoc Prof Post-Harvest Physiol
12R A LARSON PhD Asst Prof Flor

3J W LOVE PhD Ext Asst Prof Flor 12C L McCOMBS PhD Prof Veg Physiol

12C H MILLER PhD Assoc Prof Veg Nutr

2D T POPE PhD Prof Sweet Pot Brdg

1G O RANDALL MS Prof Ornom

3W W REID BS Ext Instr Veg Crops (PO Plymouth)
2V H UNDERWOOD BS Res Instr Fruit Brdg

2D C ZEIGER PhD Asst Prof Fruit Nutr and Physiol (PO Fletcher Rte 2)

Plant Pathology

7510

12D E ELLIS PhD Prof and Head of Dept Veg Dis 12J L APPLE PhD Prof Tobacco Dis

2ROBERT AYCOCK PhD Prof Floral Crop Dis

12C N CLAYTON PhD Prof Fruit Dis

2W E COOPER PhD Assoc Prof Peanut Dis 3H R GARRISS MS Ext Prof Poth 2F A HAASIS PhD Prof Dis of Ornam 12T T HEBERT PhD Prof Plant Virol

25C S HODGES Jr Phd Assoc Prof For Path

12ARTHUR KELMAN PhD Wm Neal Reynolds Dtstinguished Prof Bact Pathogens

125D M KLINE PhD Assoc Prof Cereal Dis 12G B LUCAS PhD Assoc Prof Tobacco Dis 23R D MILHOLLAND PhD Ext and Res Asst Prof Flor Crops Dis (PO Castle Hayne)

125R R NELSON PhD Assoc Prof Com Dis 12L W NIELSEN PhD Prof Sweetpot Dis

Plant Pathology-Continued

12C J NUSBAUM PhD Wm Neal Reynolds Distinguished Prof Tobacco Dis

25L H PERSON PhD Res Assoc Prof Epidem
12N T POWELL PhD Assoc Prof Tobacco Dis

25J P ROSS PhD Assoc Prof Soybean Dis 12J N SASSER PhD Assoc Prof Nematode Taxon

25R T SHERWOOD PhD Assoc Prof Forage Crops Dis

25J A SPENCER MS Res Instr Cotton Dis 2D L STRIDER PhD Res Asst Prof Veg Dis

3F A TODD BS Ext Prof Path

2Mrs HEDWIG H TRIANTAPHYLLOU PhD Assoc Prof Nematode Morphol

2F L WELLMAN PhD Vis Prof Tropical Phytopath

3J C WELLS MSA Ext Prof Path

2N N WINSTEAD PhD Prof Veg Path

7520 Poultry Science

12H W GARREN PhD Prof and Head of Dept Physiol 3W G ANDREWS PhD Ext Prof Gen

2C W BARBER DVM PhD Prof Path

2W L BLOW PhD Assoc Prof Genet 1T T BROWN MS Assoc Prof Gen

3H L BUMGARDNER PhD Ext Assoc Prof Physiol

2F W COOK PhD Assoc Prof Physiol 12F R CRAIG DVM Prof Path

12W E DONALDSON PhD Asst Prof Nutr

3J R HARRIS DVM Ext Prof Path
2C H HILL PhD Prof Nutr
3M L JONES PhD Vis Ext Asst Prof Nutr
12M R KARE PhD Prof Physiol
12J W KELLY PhD Prof Nutr

2R E LUBOW PhD Asst Prof Physiol

12G A MARTIN PhD Asst Prof Genet

3W C MILLS Jr PhD Ext Assoc Prof Gen

3T B MORRIS MS Ext Assoc Prof Gen

3C F PARRISH BS Prof in Chg Poultry Ext Gen

Sociology (Rural)

12S C MAYO PhD Prof and Head of Dept Community
3J N COLLINS BS Ext Instr Community Devlpmt

3J W CRAWFORD BS Ext Prof Community Devlpmt
2L W DRABICK PhD Res Assoc Prof Sociol and Educ
12C H HAMILTON PhD Prof Sociol and Demography
3T N HOBGOOD Jr MS Ext Asst Prof Community Devlpmt

3R W LONG MS Ext Asst Prof Community Devlpmt

3C P MARSH MS Ext Assoc Prof Ext Eval

12G C McCANN PhD Assoc Prof (Peru) Social Psychol

12S G MOON PhD Vis Prof Resource Devlpmt

3Mrs JANE U NORWOOD BS Ext Instr Community Devlpmt

7540 Soil Science 12J W FITTS PhD Prof and Head of Dept Fert Mat

12W V BARTHOLOMEW PhD Prof Soil Bact

2C P BICKFORD MS Res Instr Fert Mgt (PO Castle

Hayne)
12M G COOK PhD Asst Prof Soil Mineralogy

2F R COX PhD Asst Prof Fert Mgt

2DORIS L CRAIG MA Asst Prof Isotopes 2G A CUMMINGS PhD Asst Prof Fert Mgt

5R B DANIELS PhD Soil Sci Soil Genesis Classif and

Mapping

Assoc Prof For Soils
3J F DOGGETT BS Ext Asst Prof (Peru) Fert Mgt
2C E EASTMAN MS Asst Prof/(Peru) Fert Mgt
2C B ENGLAND MS Res Instr Fert Mgt (PO Waynesville)

2E F GOLDSTON BS Res Asst Prof Soil Genesis Classif and Mapping

2W A JACKSON PhD Assoc Prof Environmental Biol 26E J KAMPRATH PhD Prof and Dir Soil Testing Lab Fert Mat

2R A LEONARD MS Res Instr Soil Chem

12J F LUTZ PhD Prof Soil Phys

Satt Saturation Co. et al.		
Soil Science-Continued	Research Stations — Continued	
3C K MARTIN PhD Ext Asst Prof Fert Mgt	Lower Coastal Plain Tobacco Res Sta PO Greenvill	e
2C B McCANTS PhD Prof Fert Mgt	2VACANT Supt	
2R E McCOLLUM PhD Asst Prof (Peru) Fert Mgt	Mt Hort Crops Res Sta PO Fletcher	
12R J McCRACKEN PhD Prof Soil Genesis Classif		
and Mapping	2HARLEY BLACKWELL BS Supt	
2R J MILLER PhD Asst Prof Soil Chem	Mt Res Sta PO Waynesville	
	6J R EDWARDS MS Supt	
2J R PILAND MS Res Assoc Prof Soil Chem	VACANT Dairy Supvr	
24P H REID PhD Assoc Prof Fert Mgt	Oxford Tobacco Res Sta PO Oxford	
2J E SHELTON PhD Asst Prof Fert Mgt (PO Fletcher	56J M CARR BS Supt	
Rte 2)	Peanut Belt Res Sta PO Lewiston	
2J M SPAIN PhD Assoc Prof Fert Mgt	6BOBBY P BOSEMAN BS Supt	
2D L TERRY MS Res Instr Fert Mgt		
12R J VOLK PhD Assoc Prof Environmental Biol	Piedmont Res Sta PO Salisbury	
12S B WEED PhD Assoc Prof Soil Mineralogy	6W H BAILEY BS Supt	
2W G WOLTZ PhD Prof Fert Mgt	6S J CHILDS BS Poultry Supvr	
W W WOODLONG I DID D'CD	6TED LUTHER BS Dairy Supvr	
2W W WOODHOUSE Jr PhD Prof Fert Mgt Forages	Sandhills Res Sta PO Jackson Springs	
12S E YOUNTS PhD Assoc Prof Fert Mgt	2C S BLACK MS Supt	
	Tidewater Res Sta PO Plymouth	
Statistics (Expt) 7550	6J L REA Jr BS Supt	
12D D MASON PhD Prof and Head of Dept Design and	Upper Coastal Plain Res Sta PO Rocky Mount	
Anal Expt	6C Z McSWAIN Jr BS Supt	
12R L ANDERSON PhD Prof Design and Anal Expt		
1B B BHATTACHARYYA PhD Asst Prof Econometrics	Upper Mt Res Sta PO Laurel Springs	
12C C COCKERHAM PhD Prof Statis Genet	6D F TUGMAN BS Supt	
	Upper Piedmont Tobacco Res Sta PO Reidsville	
1A HE GRANDAGE PhD Prof Anal Statis	2H O GENTRY Jr BS Supt	
1R J HADER PhD Prof Design and Anal Expt		
12D W HAYNE PhD Vis Prof Surv Meth	School of Agriculture and the Agricultural Exte	nsion
1L J HERBST PhD Asst Prof Time Series Anal	Service of the Agricultural and Technical College of	North
IJ C KOOP PhD Vis Assoc Prof Sampling Technol	Carolina, Greensboro,	
12H L LUCAS PhD Prof Design and Anal Expt	1College Staff 2Station Staff 3Extension Sta	44
1F E McVAY PhD Prof Anal Statis	4Leave of Absence 5Coop USDA 6Part-time	C~11
12R J MONROE PhD Prof Biomet-Biostatis	Staff	COILE
2R G PETERSEN PhD Assoc Prof Design and Anal	btdii	100
Expt	125 D DDOCTOR TIP D (T 1 and 1 and 1	73
12C H PROCTOR PhD Assoc Prof Surv Meth	13S D PROCTOR ThD Pres (Tel 273-1773 Ext 3)	4)
121 O PAWI INCO DED Assoc Piol Surv Metri	1L C DOWDY LittD Dean of Instr (Tel 273-1773	
12J O RAWLINGS PhD Assoc Prof Design and Anal	Ext 277)	
Expt	13BC WEBB PhD Dean Sch of Agr (Tel 27.3-177.3	Ext
12R W STACY PhD Prof Fluid Biomech	233)	
IR G D STEEL PhD Prof Design and Anal Expt	3R E JONES MS Dir of Ext (Tel 274-4696)	
1H R VAN DER VAART PhD Prof Math Applied to	,	
Statis Biol Prob	Agricultural Economics	75
12F J VERLINDEN MS Res Assoc Tech Surv Meth	1H F ROBINSON PhD Chmn	13
	6B W HARRIS MS Asst	
Zoology 7560	1J C McLAUGHLIN MS Prof Agr Econ	
12B S MARTOF PhD Prof and Head of Dept Vertebrate	AF A WILLIAMS DED Det 1 D	
Zool	6F A WILLIAMS PhD Prof Agr Econ	
	Agricultural Education	760
12C W ALLISTON PhD Asst Prof Reproductive Physiol	1C E DEAN MS Chmn	
12F S BARKALOW Jr PhD Prof Mammology	1A P BELL MS Assoc Prof Agr Educ	
1Mrs GEORGETTE J CAMPBELL MA Instr	6G F RANKIN PhD Prof Agr Educ	
3H M FIELDS BS Ext Wildlife Spec		
7R V HANSON Dist Agt Rodent Control	Animal Industry	761
12REINARD HARKEMA PhD Prof Parasitology	IW L KENNEDY PhD Chmn	
1W W HASSLER PhD Assoc Prof Ichthyology	1TALMAGE BREWER MS Asst Prof Anim Husb	
7F E HESTER PhD Assoc Prof Coop Sport Fish Unit	14J W KEARNEY MS Assoc Prof Dairy Mfg	
1W H HON MS Instr Orinth Ecology	1W R SKELTON MS Asst Prof Dairy Mfg	
12G C MILLER PhD Assoc Prof Parasitol	2D D TUOMBOON MC D. 1. C	
12T I OHAV DED Destarion D	3P P THOMPSON MS Poultry Spec	
12T L QUAY PhD Prof Anim Ecol	1A S TOTTEN MS Assoc Prof Poultry Husb	
· 12J A SANTOLUCITO PhD Assoc Prof Neuroendocrinolo-	34R L WYNN Dairy Spec	
gy		
	Biology	762
Research Stations 7570	1A P GRAVES PhD Chmn	
26C D THOMAS MS Dir of Div of Res Sta(s)	1NOAH BROWN MS Instr Biol	
2S Y ADCOCK BS Agr Engin	1Mrs ELIZABETH D CLARK MS Instr Biol	
6W W ALLEN BS Admin Asst	1C R A CUNNINGHAM MS Assoc Prof Biol	
Border Belt Tobacco Res Sta PO Whiteville	1ALFRED HILL PhD Prof Ent	
6W J DICKENS BS Supt	1EUGENE MARROW PhD Prof Biol	
Central Crops Res Sta PO Clayton	IW H MITCHELL MA THE PROI BIOL	
2W C ALLSBROOK Supt	1W H MITCHELL MA Instr Biol	
	6G C ROYAL PhD Prof Bact	
Coastal Plain Res Sta PO Willard	1Mrs ALFREDA J WEBB DVM MS Prof Biol	
6J W SUMNER BS Supt	14J A WILLIAMS MS Instr Biol	
2ROGER COLLINS BS Dairy Supvr	1B L WOODHOUSE MS Instr Zool	
Coastal Plain Veg Res Sta PO Faison		
2F B BOYETTE BS Supt	Chemistry	763
Hort Crops Res Sta PO Castle Hayne	1G A EDWARDS PhD Chmn	2001
2J M JENKINS Jr PhD Supt and Res Prof	6R S BEALE PhD Prof Chem	

Chemistry - - Continued

1EVANS BOOKER MS Asst Prof Chem IROBERT FREEMAN PhD Prof Chem 1JAMES PENDERGRAST PhD Prof Chem 1Mrs GLADYS W ROYAL PhD Prof Chem 1ELIZABETH SHUTE PhD Assoc Prof Chem ISAMUEL VON WINBUSH PhD Prof Chem IW G WRIGHT MS Asst Prof Chem

Home Economics

7640

1Mrs CLARA V EVANS MS Chmn 3Mrs HELEN BRANFORD Dist Home Econ Agt 3Mrs FRANCES W CORBETT Dist Home Econ Agt 1CAROLYN CRAWFORD MS Prof Home Econ 1Mrs ANN L DAVIS MS Assoc Prof Clothing IMrs CECILE H EDWARDS PhD Prof Nutr 1EVELYN L GADSDEN MS Asst Prof Nutr 3Mrs GENEVIEVE K GREENLEE Home Econ Spec 1Mrs MARGUERITE N HARGRAVE MA Asst Prof Home

1EDDIE HARGROVE MS Asst Prof Tailoring 1KATRINA PORCHER MA Asst Prof Home Econ 3Mrs BESSIE B RAMSEUR Home Econ Spec 1MYRTLE L SMITH MS Instr Home Econ 1Mrs KATYE G WATSON MEd Instr Nursery School

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Plant Science and Technology

7650

1S J DUNN PhD Chmn
1E S CARR BS Instr Agr Engin
3T W FLOWERS Ext Hort Spec 1C A FOUNTAIN PhD Prof Hort IJ W R GRANDY BS Instr Hort 3S J HODGES Agron Spec 1M P McCLEAVE MS Instr Hort 6B C WEBB PhD Prof Plant Sci 1L A YATES MS Instr Agr Engin

7660 Miscellaneous

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1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

7670

1H R ALBRECHT PhD Pres 12A G HAZEN MS Deam of Agr and Dir of Sta (Tel AD 5-6411 Ext 245 or 279) 12JA CALLENBACH PhD Assoc Dean and Assoc Dir 12P A NYSTUEN MS Asst Deam and Asst Dir 2MARY E FIELDS Admin Asst to Dir 3A H SCHULZ MS Dir of Agr Ext (Tel AD5-6411 Ext 270) TEDYTHE L TORING Bus Mor 1R J CORLISS BS Asst Bus Mgr

7680 12J F CARTER PhD Prof and Chmn of Dept 12R E BOTHUN PhD Assoc Prof 12D C EBELTOFT MS Asst Prof 2L J FABRICIUS MS Instr 12A E FOSTER PhD Asst Prof 12R L HARRISON PhD Asst Prof

Agronomy-Continued 3L A JENSEN BS Agron

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2D W BOLIN MS Assoc Prof 3B G CREWDSON MS Livestock Mktg Econ 12W E DINUSSON PhD Prof

12D O ERICKSON MS Instr

12C N HAUGSE MS Asst Prof 12J N JOHNSON MS Asst Prof 12V K JOHNSON PhD Asst Prof 3M A KIRKEIDE MS Assoc Anim Husb 2R D KNUTSON BA Asst Prof

12M R LIGHT MS Assoc Prof 3G E STRUM MS Anim Husb

Dairy Husbandry
12CHRIS JENSEN PhD Prof and Chmn of Dept 7700 12P W ASCHBACHER PhD Assoc Prof 2L D BECK MS Asst Prof 12C G EDGERLY MS Asst Prof 3G R FISHER MS Dairyman
3H J McLEOD MS Dairy Mktg Econ

Poultry Husbandry
12R L BRYANT PhD Prof and Chmn of Dept 7710 12D O DICKENS BS Instr

124W C LOCKHART MS Assoc Prof 3I J MORK BS Poultrymon

7720 **Veterinary Science** 12D F EVELETH DVM PhD Prof and Chmn of Dept 12M F ANDREWS DVM AB Asst Prof 2C B BJORNSON DVM BS Asst Prof 12F M BOLIN DVM Prof 12I A SCHIPPER DVM MS Assoc Prof 2Mrs JENNY TURN BS Tech Asst

7730 Bacteriology 12J L PARSONS PhD Prof and Chmn of Dept 12J A DOUBLY MS Asst Prof 12B P SLEEPER PhD Assoc Prof

7740 Biochemistry (Agr) 12H J KLOSTERMAN PhD Prof and Chmn of Dept 12ESTHER BLASL BS Tech and Asst Agr Chem 12D S FREAR PhD Assoc Prof 12R B MEINTZER PhD Assoc Prof

12F M SALAMA PhD Asst Prof 25D C ZIMMERMAN MS Chem Botany
12W C WHITMAN PhD Prof and Chmn of Dept
12HAROLD GOETZ MS Asst Prof
12E A HELGESON PhD Prof 7750

1D R MOIR PhD Prof 25C R SWANSON PhD Plant Phys

Cereal Technology 12K A GILLES PhD Prof and Chmn of Dept 20 J BANASIK MS Assoc Prof 2D G MEDCALF PhD Asst Prof

100

7760

Cereal Technology-Continued 7820 Home Economics 25A J PINCKNEY MS Chem 1F CAROLINE BUDEWIG EJD Dean of Col 25W C SHUEY BS Res Technol 3Mrs M JEAN BAEDER BS Food Spec 2L D SIBBITT Assoc Prof IMrs JOSEPHINE BARTOW EdD Assoc Prof and Chmn of Home Econ Educ Economics (Agr) 7770 IMARION BENSON MS Assoc Prof Home Econ Educ 12F R TAYLOR PhD Prof and Chmn of Dept 124D E ANDERSON MS Asst Prof 1JOSEPHINE A BURNETT BA Instr Art 1Mrs MYRTLE CHALLEY MS Asst Prof Foods and 12D O ANDERSON PhD Asst Prof Nutr 3H G ANDERSON MS Agr Econ 3R A ANDERSON MS Assoc Farm Mgt Econ 3IRENE CROUCH MA Home Mgt Spec 3RUTH M DAWSON MA Nutr 2R W COX PhD Prof 1ETHEL FLATEN MS Asst Prof Foods and Nutr 3PAULINE GRIEGER BS Home Ext Agt at Large 3W A DOROW PhD Econ Public Affairs J W HAMMOND PhD Asst Prof 1MILDRED E HAWKINS MS Assoc Prof Clothing and 25C J HELTEMES BA Agr Statis 12P V HEMPHILL MS Assoc Prof Textiles IW P HAWKINSON PhD Assoc Prof Child Devlpmt and 3H W HERBISON MS MPA Mktg Econ Fam Relat 24T A HERTSGAARD MS Asst Prof 1Mrs EDNA HOLM MS Sp Instr Food and Nutr 12J E JOHNSON MS Asst Prof 1Mrs DORTHY A KING BS Inst Child Devlpmt 1Mrs SHIRLEY KOLBERG MS Asst State Supvr of 25R D KRENZ PhD Agr Econ 12L D LOFTSGARD PhD Prof Homemaking Educ 12J I McDOWELL PhD Asst Prof IMAJORE A LOVERING MA Asst Prof Home Econ 3F L OLISON PhD Form Mat Econ Educ and State Supvr of Homemaking Educ 3W W OWENS MS Resource Econ 3DARLENE M MOLAND BS Assoc Home Mgt Spec 2L W SCHAFFNER MS Asst Prof 3E C VANGSNESS MS Resource Econ 1MAVIS NYMON PhD Assoc Prof and Chmn of Foods and Nutr 25S W VOELKER MS Agr Econ 1RALPH PEOTTER MA Asst Prof 1EMILY P REYNOLDS MS Assoc Prof and Acta Chmn Education (Agr) 7780 of Dept of Clothing and Textiles 1E L DeALTON MS Prof and Chmn of Dept and State 1Mrs ALICE RISING MS Spec Instr Textiles and Supvr of Agr Educ Clothing 1W H DOLVE BS Asst Prof and Asst State Supvr of Agr ILORISSA SHELDON MS Assoc Prof Foods and Nutr F.duc 1Mrs MARION S WALKER MS Asst Prof Home Mgt IS D OWEN MS Prof and Asst State Supvr of Agr Educ 1KATHRYN WEESNER MA Assoc Prof and Chmn of 1T W THORDARSON MS LLB Dir of Div of Supervised Dept of Art Horticulture 7830 Engineering (Agr) 7790 12E P LANA PhD Prof and Chmn of Dept 12W J PROMERSBERGER MS Prof and Chmn of Dept 3H A GRAVES BS Hort 12A F BUTCHBAKER PhD Asst Prof 12D G HOAG BS Asst Prof 23R H COSSETTE BS Asst Agr Engin 3C B GILBERTSON MS Asst Agr Engin 12N S HOLLAND MS Asst Prof 2R H JOHANSEN MS Assoc Prof 12HAROLD HOLMEN MS Asst Prof 12D C NELSON PhD Asst Prof 12E W SCHOLZ PhD Asst Prof 3D W JOHNSON MS Agr Engin 12H L KUCERA MS Asst Prof 3J J ZAYLSKIE BS For 3D J McLELLAN Jr BS Assoc Agr Engin 12C W MOILANEN MS Asst Prof Information (Agr) 7840 124G L PRATT MS Assoc Prof 3S L VOGEL BS Assoc Agr Engin 3T W GILDERSLEEVE BS Ed 3DAVID BATEMAN MS Assoc Ed 12R L WITZ MS Prof 3J A BERG BS Asst Ed 3L G CHAMBERS BA Asst Ed 3Mrs DOROTHEA G McCULLOUGH MS Assoc Ed 12J R DOGGER PhD Prof and Chmn of Dept (State Ent) 3C R ROTZIEN Asst Ed 3W J COLBERG MS Ent 2R D FRYE MS Assoc State Ent (State Dept of Agr and Plant Pathology 7850 Labor) 12R L KIESLING PhD Prof and Chmn of Dept 12G B MULKERN PhD Assoc Prof 12A P BENSON PhD Assoc Prof 3H L BISSONNETTE PhD Path 12D M NOETZEL MS Asst Prof 12R L POST PhD Assoc Prof 25H H FLOR PhD Plant Path 25F J GOUGH PhD Plant Path 12J T SCHULZ PhD Assoc Prof 12E H PEPPER PhD Asst Prof Extension Administration 7810 25R D TIMIAN PhD Plant Path 3A H SCHULZ MS Dir 3S W BALE MS Dist Supvr Soils 7860 3B J BERNTSON BS Dist Supvr 12E B NORUM PhD Prof and Chmn of Dept 3Mrs RUTH'S BRUEGGER BS Assoc State 4-H Leader 12ARMAND BAUER PhD Asst Prof 3M S BURKE BS Dist Supvr 2L G BRANTNER BS Asst in Soil Surv 3M EMILY FREEMAN BS Assoc Home Econ Leader 3Mrs GLADYS N HANSEN BS Assoc State 4-H Leader 3Mrs NAURINE R HIGGINS MS Asst Dir for Fam Living 3I T DIETRICH BS Soil Conserv 2C E GREEN BS Asst in Soil Surv 12G A JOHNSGARD PhD Prof of Soils 12J T MORAGHAN PhD Asst Prof 30 E JACOBSON BS Admin Asst

2H W OMODT MS Assoc Prof

2F W SCHROER MS Asst Prof 2M D SWEENEY MS Asst Prof

2D D PATTERSON BS Asst Prof

2EDFRED VASEY PhD Asst Prof

3P R KASSON MS Asst Dir for County Prog

3C R MONTGOMERY MS Asst Dir for Youth

3D E PALMER MS Assoc State 4-H Leader 3J D WESTRA BS Asst State 4-H Leader

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North Dakota-Ohio 7860-7910

Soils-Continued

3V L WEISER MS Soils Spec

12G E WILKINSON PhD Assoc Prof 12J C ZUBRISKI PhD Prof

Miscellaneous

7870 1H D STALLINGS MA Libr

3M W ERWIN BS Civ Defense Spec

7880

Agronomy Seed Farm 2MARK JENDRO Supt Carrington (Irrigation) 2H M OLSON MS Supt

2RONALD GILMAN MS Tech Asst

Dickinson

2R J DOUGLAS MS Supt

2T J CONLON MS Asst Agron 2L H LANGFORD MA Asst Anim Husb

Edgeley

2M C WHITE BS Supt

Hettinger

2C L JOHNSON BS Supt

Langdon 2VICTOR STURLAUGSON Supt

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2E W FRENCH MS Supt 2GEORGE KAPUSTA MS Asst Agron

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College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6See also Experiment Station Staff

7890

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1C S HUTCHISON MA Asst Dean of Col of Agr and Home Econ (293-6891)

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16R R DAVIS PhD Prof and Assoc Chmn Turf (PO Wooster)

16S R ANDERSON PhD Prof Forage Crops

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16L E BENDIXEN PhD Asst Prof Plant Physiol

3S W BONE BS Instrand Ext Agron Soil Surv

Agronomy -- Continued

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16E J DOLLINGER PhD Assoc Prof Plant Genet (PO

156W R FINDLEY Jr PhD Asst Prof Plant Genet (PO Wooster)

16R E FRANKLIN PhD Asst Prof Soil Chem

13D T FRIDAY MS Assoc Prof and Gen Mgr Farm Science Review

3G R GIST PhD Prof and Ext Agron Forage Crops

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(PO Wooster) 3F E HEFT B3 Asst Prof and Ext Soil Conserv

16H K HEIZER BS Asst Prof Biochem (PO Wooster)
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Fert 3H R SHOEMAKER PhD Asst Prof and Ext Agron Soil

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136E W STROUBE PhD Asst Prof and Ext Agron Weedicides

16P H STRUTHERS PhD Asst Prof Soil Chem (PO Wooster

16G S TAYLOR PhD Prof Soil Physiol

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16D M VAN DOREN PhD Assoc Prof Soil Physiol (PO

16R W VAN KEUREN PhD Assoc Prof Pastures (PO Wooster!

16JOHN VIMMERSTEDT MF Asst Prof For Soils (PO Wooster)

16L P WILDING PhD Asst Prof Soil Mineralogy

16J H WILSON BS Instr Soil Anal (PO Wooster)

16W T YAMAZAKI PhD Prof Biochem (PO Wooster)

146R E YODER PhD Prof Soil Fert (PO Wooster)

7910 Animal Science

136G R JOHNSON PhD Prof and Chmn Anim Sci

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1P G ALTHOUSE MS Instr Meat Technol

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16D S BELL MS Prof Anim Sci Sheep (PO Wooster)

36W H BRUNER BS Assoc Prof and Ext Spec Anim Sci Swine

16V R CAHILL PhD Prof Meat Technol

16J H CLINE PhD Assoc Prof Anim Nutr

16B A DEHORITY PhD Assoc Prof Anim Nutr (PO Wooster)

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1R M JOHNSON Jr PhD Prof Biochem-Lipid Metabol

Anima	Scien	ce-Car	baunite

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16E W KLOSTERMAN PhD Prof Anim Sci Beef (PO Wooster)

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16C F PARKER PhD Asst Prof Anim Genet
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16R R REED PhD Assoc Prof Anim Sci 16T S SUTTON PhD Prof Nutr 16H S TEAGUE PhD Prof Reprod Physiol Swine (PO Wooster)

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3J H WARNER BS Assoc Prof and Ext Spec Anim Sci Beef

3W W WHARTON BS Instrand Ext Spec Anim Sci Perf

1G R WILSON PhD Asst Prof Anim Sci Beef 16R F WILSON PhD Prof Anim Sci Swine

Biochemistry (Agr)

7920

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Botany and Plant Pathology

7930

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16L J ALEXANDER PhD Prof Phytopath (PO Wooster) 1C C ALLISON PhD Prof Phytopath

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3R E PARTYKA PhD Asst Prof and Ext Plant Path Phytopath

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1R A POPHAM PhD Assoc Prof Plant Anat
1E D RUDOLPH PhD Asst Prof Ecol
1J A SCHMITT Jr PhD Assoc Prof Mycol

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Botany and Plant Pathology -- Continued

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1C E TAFT PhD Prof Phycol

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16J D WILSON PhD Prof Phytopath (PO Wooster)

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Large Anim Anim Breed (PO Wooster) 3H L BARR PhD Asst Prof and Ext Spec Dairy Sci

Physiol Reprod Genet Large Anim 16W J BRAKEL PhD Assoc Prof Anim Genet Large

Anim Breed 16H R CONRAD PhD Assoc Prof Nutr Metabol (PO

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16J W HIBBS PhD Prof Physiol Metabol (PO Wooster)

1H E KAESER MS Asst Prof Anim Nutr Large Anim

Anim Hush

16W E KRAUSS PhD Prof Nutr (PO Wooster)
156T MLUDWICK PhD Prof Large Anim Husb Genet 3C D McGREW MS Prof and Ext Spec Dairy Sci Large

16R M PORTER PhD Assoc Prof Large Anim Immunochem (PO Wooster)

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7950

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Dairy Microbiol 1E M MIKOLAJCIK PhD Asst Prof Dairy Microbiol

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Dairy Microbiol

Economics (Agr) and Sociology (Rural) 136M G SMITH PhD Prof and Chmn Agr Policy and Foreign

Agr Devlpmt 16F B McCORMICK PhD Assoc Prof and Asst to Chmn

Agr Policy

16R A BAILEY PhD Assoc Prof Agr Credit

16R H BAKER PhD Assoc Prof Farm Mgt and Land Apprais

136R L BAKER PhD Pol Mktg

136WALLACE BARR PhD Asst Prof and Ext Econ Pub Affairs and Outlook

16E F BAUMER PhD Prof Dairy Mktg

16R H BLOSSER MS Assoc Prof Farm Mgt
136J S BOTTUM PhD Asst Prof and Ext Econ Pub Affairs and Outlook

3C C BOWEN MS Asst Prof and Ext Spec Livestock Mkta

Economics (Agr) and Sociology (Rural)-Continued

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134N R CARPENTER PhD Asst Prof Farm Mgt 16M E CRAVENS PhD Prof Fruit and Veg Mktg

16R E CRAY MS Prof Poultry Mktg

1C A DAMBACH PhD Prof Conserv and Natural Resources

136R M DIMIT PhD Assoc Prof Rural Sociol
36D H DOSTER MS Instrand Ext Econ Farm Records
13A B EZZELL PhD Asst Prof Mktg

36G A FUTRELL MS Instr and Ext Econ Mktg and Outlook

3W G HARTER BS Instr and Ext Econ Farm Mgt

16G F HENNING PhD Prof Livestock Mktg
36C H INGRAHAM MS Instrand Ext Spec Livestock Mkta

56J R KENDALL BS Instr Ag Statis 36K W KEPNER MBA Instr and Ext Spec Dairy Mktg

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16A R MANGUS PhD Prof Rural Sociol 136B W MARION PhD Asst Prof and Ext Spec Food

Merchand 13MARGARET F McDONALD MS Assoc Prof and Ext

Econ Agr Policy

3A R MILNER MS Prof and Ext Spec Grain Mktg 136J B MITCHELL PhD Assoc Prof and Ext Spec Rural Sociol

3J E MOORE MS Instrand Ext Econ Farm Mat

146R R NEWBERG PhD Prof Agr Mktg

15G P OWENS MS Instr Land Econ

1M D OYLER PhD Prof Rural Social

16D I PADBERG PhD Asst Prof Mkt Structure 16R H POLLOCK PhD Asst Prof Agr Mktg

146R M REESER PhD Asst Prof Farm Mgt

1346E M ROGERS PhD Assoc Prof and Ext Ldr Resource Dvlpmt Rural Sociol

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146J W SHARP PhD Prof Grain Mktg and Farm Supply

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16R W SHERMAN PhD Prof Agr Mktg
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3R W SKINNER MS Instrand Ext Spec Food Merchand 16J H SITTERLEY PhD Prof Farm Mgt and Land Econ

16T T STOUT PhD Assoc Prof Livestock Mktg
3P R THOMAS MS Instrand Ext Spec Mktg Inform for Consumers

156J R TOMPKIN PhD Assoc Prof Farm Mangt

3V A VANDEMARK MS Instrand Ext Spec Food Mer-

16F E WALKER PhD Asst Prof Quantitative Methods 16W A WAYT PhD Assoc Prof Land Econ 3R S WELSH MA Instrand Ext Spec Food Merchand 16H C WILLIAMS PhD Assoc Prof Prod Econ

Education (Agr)

7970

1R E BENDER PhD Prof and Chmn
1L W BOUCHER MS Instr

1K E BRUM BSc Instr

13C J CUNNINGHAM MS Instr

1J E DOUGAN MS Instr

1G S GUILER PhD Assoc Prof 1E F KANTNER MS Instr

13R W McCORMICK PhD Prof 1P F PULSE MS Instr

1H E RIDENOUR MS Instr

134D B ROBINSON MS Prof

1F J RUBLE MS Asst Prof

IT J T STARLING MS Instr IR E TAYLOR PhD Assoc Prof and Dir of Center IR H WILSON PhD Assoc Prof

1W H WOLF PhD Prof

134W B WOOD MS Prof

1R J WOODIN PhD Prof

Engineering (Agr)

136R E STEWART PhD Prof and Chmn Farm Structures
16W H JOHNSON PhD Assoc Prof and Assoc Chmn

Power and Mach (PO Wooster)

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(PO Wooster)

34D MBYG MS Asst Prof Elec Power and Proc

16R B CURRY PhD Assoc Prof Soil and Water (PO Wooster)

156J L FOUSS MS Instr Soil and Water

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146G E HALL MS Instr Elec Power and Proc (PO Wooster) IWAYLAND HAMILTON SP Elec Trng

146K A HARKNESS MS Instr Elec Power and Proc 156L L HARROLD CE Prof Soil and Water

146J E HENRY BS Instr Power and Mach (PO Wooster) 1C A HIGH Consult

3R G HOLMES MS Instrand Ext Aar Engin (Farm Safety)

1S G HUBER MS Assoc Prof Power and Mach

1C E JOHNSON PhD Assoc Prof Farm Shops 16H E McLEOD PhD Prof Power and Mach

3J C NOTESTINE BS Instrand Ext Agr Engin (Form Elec)

3M L PALMER MS Asst Prof and Ext Agr Engin (Water Mgt)

16W L ROLLER PhD Assoc Prof Farm Structures

3W R SCHNUG BS Instrand Ext Agr Engin (Farm Elec)
16G O SCHWAB PhD Prof Soil and Water

3L J SEGERLIND PhD Instrand Ext Agr Engin (Bldgs)

Extension Service

8000

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13A B EZZELL PhD Asst Prof and Supvr Agr and Mktg Econ

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3R E YOUNG MS Instr and Assoc State Ldr 4-H Club Work Educ

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3S P BRUNY MA Asst Prof and Supvr 4-H Club Work

3D B LAU BS Instr and Supvr 4-H Club Work Educ 34R W SMITHMS Asst Prof and Supvr 4-H Club Work Educ

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3R R HOWARD MA Instrand Asst Ext Ed Mass Media Commun (Radio)

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Home Economics

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1DORA E COLVER MS Asst Prof Nutr 16RUTH E DEACON PhD Assoc Prof Home Mgt Fam

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16Mrs FERN E HUNT MS Instr Food 1R M JOHNSON Jr PhD Prof Nutr

Home Economics-Continued

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16ESTHER A MEACHAM PhD Assoc Prof Textiles and Clothing

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3DORIS SNOOK MS Asst Prof and Ext Spec Housing and Furn

3MABEL L SPRAY MA Assoc Prof and Ext Spec Fam

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Tmg Home Econ 1Mrs EUNICE WERTENBERGER MA Asst Prof Food

1ESTHER A WINTERFELDT MS Asst Prof Inst Mgt 16LEVELLE WOOD MS Prof Inst Mgt

8020

Horticulture and Forestry
136F S HOWLETT PhD Prof and Chmn Pomol 16E K ALBAN PhD Prof Veg Crops

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3W F COWEN Jr MF Assoc Prof and Ext For 16C W DONOHO Jr PhD Asst Prof (PO Wooster)

16J M GALLANDER MS Instr (PO Wooster)

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16F O HARTMAN PhD Prof Pomol 16R G HILL Jr PhD Prof Pomol (PO Wooster)

1R M JOHNSON Jr PhD Prof Nutr and Food Tech

16D C KIPLINGER PhD Prof Flor 16D W KRETCHMAN PhD Assoc Prof 16G A MARLOWE Jr PhD Assoc Prof (PO Wooster)

16R O MILLER Jr PhD Assoc Prof Flor 16K W REISCH PhD Assoc Prof Ornam Hort

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Poultry Science

8030

136A R WINTER PhD Prof and Chmn Nutr and Proc

Poultry Science-Continued

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16P S TOUCHBURN PhD Asst Prof Nutr (PO Wooster)

3GATES VICKERS MS Asst Prof and Ext Spec Poultry Sci (Records)

Veterinary Medicine

8040

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1REX BULLER DVM Instr

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IL E JOHNSON DVM MS Prof

1W J ROENIGK DVM MS Assoc Prof

1G P WILSON DVM MS Asst Prof

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8050

136G W WHARTON PhD Prof and Chmn Parasitol

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1W C MYSER PhD Prof and Asst Chmn Cytol

136B D BLAIR MS Instrand Ext Entomol Chem Cont

16D J BORROR PhD Prof Ornith
16J J BRIGGS PhD Prof Inverteb Path
1N W BRITT PhD Assoc Prof Inverteb Zool
16A C BROAD PhD Assoc Prof Inverteb Zool

1A P BROCKWAY BA Asst Prof Verteb Zool

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16M L GILTZ PhD Assoc Prof Omith 16E E GOOD PhD Assoc Prof Fish and Wildlife Mgt 1J G HAUB PhD Prof Inverteb Zool

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Insect Pests

IV L HOUSE PhD Assoc Prof Human Genet

IC S JOHNSON PhD Assoc Prof Conserv

16D E JOHNSTON MS Instr Inverteb Zool

IF W KESSLER PhD Assoc Prof Inverteb Zool

16WILLI KNULLE PhD Assoc Prof Inverteb Zool

17 H LANGLOIS PhD Res Prof Ichthyol

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1H L PLAINE PhD Assoc Prof Anim Genet
16J B POLIVKA PhD Assoc Prof Agr Entomol (PO Wooster)

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1L S PUTNAM PhD Prof and Dir Stone Lab Ornith
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Conserv Fish and Wildlife Control

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1M B TRAUTMAN Curator and Lect Ichthyol
16R E TREECE PhD Assoc Prof Agr Entomol (PO Wooster)

1C A TRIPLEHORN PhD Assoc Prof Entomol Taxon

Zoology and Entomology -Continued

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16C R WEAVER PhD Assoc Prof Biomet Biostat (PO Wooster)

Ohio Agricultural Experiment Station, Wooster

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6See also College

8060

26R M KOTTMAN PhD Dir (PO Columbus) Tel Columbus

26L L RUMMELL MS LLD Dir (Emeritus)

26W E KRAUSS PhD Assoc Dir Tel Wooster 263-0010
261 S SUTTON PhD Asst Dir (PO Columbus)
4R E YODER PhD Asst Dir
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8070

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26A L MOXON PhD Prof and Assoc Chmn Nutr

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Animal Science-Continued

26J H CLINE PhD Assoc Prof Nutr (PO Columbus)

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2A P GRIFO Jr MS Instr Nutr 26R R JOHNSON PhD Assoc Prof Nutr

26E W KLOSTERMAN PhD Prof Beef

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26C F PARKER PhD Asst Prof Brdg (PO Columbus)

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8110

8130

26B S MEYER PhD Prof and Chmn (PO Columbus)

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Columbus)

2F G BURTON BS Instr Chem
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Dairy Technology

26I A GOULD PhD Prof and Chem (PO Columbus) 26W J HARPER PhD Prof Dairy Chem (PO Columbus) 26THORVALD KRISTOFFERSEN PhD Prof Dairy Microbiol (PO Columbus)

4W L SLATTER PhD Prof Microbiol (PO Columbus)

Economics (Agr) and Sociology (Rural)

26M G SMITH PhD Prof and Chmn (PO Columbus)

conomics	(Agr)	and	Socie	logy	(Rura	1)-	Continue
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8140 Editorial

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2C L ROBEY Photog

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236R E STEWART PhD Prof and Chmn (PO Columbus) 26W H JOHNSON PhD Assoc Prof and Assoc Chmn Power and Mach

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256R D BRAZEE PhD Assoc Prof Mater Handling 26R B CURRY PhD Assoc Prof Soil and Water

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246K A HARK NESS MS Instr Elec Power and Proc (PO Columbus)

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24J E HENRY BS Instr Power and Mach 25FRANK IRONS BS Prof Chem Application Engineering (Agr)-Continued

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8160 Forestry

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2J P VIMMERSTEDT MF Asst Prof Soil Chem

8170 Home Economics

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26A R WINTER PhD Prof and Chmn (PO Columbus) 26M G McCARTNEY PhD Prof and Assoc Chmn Brdg

26R L BAKER PhD Prof Mktg (PO Columbus)
2K I BROWN PhD Assoc Prof Physiol Reproduction

2V D CHAMBERLIN BS Asst Prof Mgt 4P C CLAYTON PhD Assoc Prof Mktg (PO Columbus)

26R G JAAP PhD Prof Brdg (PO Columbus) 23G A MARSH DVM MS Assoc Prof Clin Path (PO Poultry Science-Continued

26G J MOUNTNEY PhD Assoc Prof Poultry Prod (PO Columbus)

26E C NABER PhD Prof Nutr (Chickens) (PO Columbus)

26S P TOUCHBURN PhD Asst Prof Nutr (Turkeys)

Veterinary Science

8220

26W D POUNDEN DVM PhD Prof and Chmn

26E H BOHL DVM PhD Prof Bact (Swine and Cattle) Microbiol

2NORMA A FRANK MS Asst Prof Bact (Dairy Cattle) 2A H HAMDY DVM PhD Post Doctoral Sci Microbiol (Cattle and Sheep)

26J H HELWIG DVM MS Prof Prev Med (PO Columbus)
26N B KING DVM PhD Prof Bact (Cattle)

2D R REDMAN DVM BS Instr Physiol
26V L SANGER DVM PhD Prof Path (Swine)
2A L TRAPP DVM PhD Asst Prof Path (Cattle and Swine)

26W G VENZKE DVM PhD Prof Anat Endocrinol (PO

8230

Zoology and Entomology 236G W WHARTON PhD Prof and Chmn (PO Columbus)

26R W RINGS PhD Prof and Assoc Chmn Agr Ent 23B D BLAIR MS Instr Chem Control (PO Columbus)

26D J BORROR PhD Prof Omith (PO Columbus) 26J D BRIGGS PhD Prof Invertebrate Path (PO

26A C BROAD PhD Assoc Prof Invertebrate Path (PO

26R H DAVIDSON PhD Prof Insect Pests (PO Columbus)

26F W FISK PhD Assoc Prof Insect Physiol (PO

26H Y FORSYTHE PhD Asst Prof Deciduous Fruit Insects

26M L GILTZ PhD Assoc Prof Omith (PO Columbus)

26E E GOOD PhD Assoc Prof Fish and Wildlife Mat (PO Columbus)

256W D GUTHRIE PhD Asst Prof European Corn Borer

26D E JOHNSTON MS Instr Accrology 2WILLI KNULLE DSc Assoc Prof Acarology

235W F LYON MS Instr Insect Survey

26R B NEISWANDER PhD Prof Greenhouse Veg Ornam 26J B POLIVKA PhD Assoc Prof Turf

26W C ROTHENBUHLER PhD Prof Apic (PO Columbus)

26G F SHAMBAUGH PhD Assoc Prof Insect Physiol

26J P SLEESMAN PhD Prof Veg Insects

256G W STILL BS Asst Prof Deciduous Fruit and Nut Insects

26R E TREECE PhD Assoc Prof Forage Insects Anim Parasites

26CARL VENARD PhD Prof Med Ent (PO Columbus)

26G W WARE PhD Assoc Prof Chem Control (PO Colum-

26C R WEAVER PhD Assoc Prof Statis Biomet

8240

2T F WONDERLING BS Coord of Res Oper (PO Wooster) Mahoning County Expt Farm PO Confield

2C A MORRISON Mar

Muck Crops Substa PO Willard

2E H POSTEMA Mgr

North Central Substa PO Vickery

2R L EBY BS Instr (Mar) Northwestern Substa PO Hoytville

2DEAN KATTERHEINRICH BS Instr (Mgr)

Southeastern Substa PO Carpenter 2R R BISHOP BS Instr (Mgr)

Southern Substa PO Ripley

2W A WILSON BS Instr (Mgr) Veg Crops Substa PO Marietta

2H M RACER Mgr

Western Substa PO South Charleston

2J H FOSTER BS Instr (Mgr)

OKLAHOMA

Oklahoma State University of Agriculture and Applied Science, the Agricultural Experiment Station, and the Agricultural Extension Service, Stillwater

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

8250

230 S WILLHAM PhD Pres 123A E DARLOW PhD Deam of Agr and Vice Pres for Agr Sci (Tel FR2-6211 Ext 266)

3L H BRANNON PhD Dir of Agr Ext Serv (Tel FR2-6211 Ext 212)

2L E HAWKINS PhD Dir of Sta (Tel FR2-6211 Ext 266) 2DOYLE CHAMBERS PhD Assoc Dir of Sta (Tel FR2-6211 Ext 266)

1R J JONES PhD Dean of Resident Instr (Tel FR2-6211 Ext 266)

12G C HOLM DVM MS Dean of Vet Med and Asst Dir of Sta (Tel FR2-6211 Ext 247)

1FRED LeCRONE MS Dir of Stud Pers in Agr 12J L SANDERSON BS Comptroller

12J A PATTILLO BS Asst to Dean and Dir

Agronomy 8260

123F P GARDNER PhD Prof and Head of Dept

25R M AHRING MS Asst Prof Forage Crops 3S E ALLRED PhD Ext Agron

3W E BAUMANN MS Ext Agron 2O H BRENSING BS Instr Soils

12J S BROOKS PhD Prof Field Crops

3C E BUNCH MS Ext Range Mgt Spec 3R E CHILES MS Ext Pasture Spec

4L I CROY MS Asst Prof

25B R CUNNINGHAM MS Instr Soils

12F F DAVIES MS Assoc Prof Field Crops
1C E DENMAN MS Asst Prof Field Crops
3R B DUFFIN MS Ext Irrig Spec
25D D DWYER PhD Asst Prof Field Crops

12W C ELDER MS Asst Prof Field Crops

25H M ELWELL BS Instr Field Crops

12J R GINGRICH PhD Assoc Prof Soils 12FENTON GRAY PhD Prof Soils

12J R HARLAN PhD Prof Field Crops

12WAYNE HUFFINE PhD Prof Field Crops

12B R JACKSON PhD 'Asst Prof Field Crops

2J W JOHNSON MS Instr Field Crops

3F E LEGRAND PhD Ext Agron

12J Q LYND PhD Prof Soils

12R S MATLOCK PhD Prof Field Crops

2C L MOORE MS Instr Field Crops

125J C MURRAY PhD Assoc Prof Field Crops

2H R MYERS BS Supt 2R M OSWALT MS Asst Prof Field Crops

2HARTWILL PASS MS Asst Prof Field Crops

12L W REED PhD Prof Soils 12R M REED PhD Assoc Prof Soils

2W L RICHARDSON MS Asst Prof Field Crops

3E R ROBERTS MS Ext Soil Conserv 12D A SANDER MS Asst Prof Field Crops

12P W SANTELMANN PhD Assoc Prof 12A M SCHLEHUBER PhD Prof Field Crops

25E E SEBESTA PhD Asst Prof Field Crops 25J W SIMMONS Sci Aid Field Crops

2Mrs MARGARET M SIMMONS BA Lab Tech Field Crops

25R M SMITH MS Asst Prof Soils

12J F STONE PhD Assoc Prof Soils

3L D TRIPP MS Assoc Ext Agron 12B B TUCKER PhD Assoc Prof Soils

12B B WEBB BS Instr 12D E WEIBEL PhD Prof Field Crops

12H R WILLIAMS MS Field Crops

Oktohoma 8270-8350

Animal Husbandry	8270	Dairying—Continued	
123L S POPE PhD Prof and Head of Dept		120 C GRIFFIN MS Asst Prof	
2W D CAMPBELL BS Tech Beef Cattle		12P E JOHNSON MS Asst Prof	
3R E DAUGHERTY MS Ext Econ Livestock Mktg		12J B MICKLE PhD Prof	
12J J GUENTHER PhD Assoc Prof Meats		12H E MILLER Herdsman	
15D R HAMMONS BS Asst Prof Meats		12H C OLSON PhD Prof	
12R L HENRICKSON PhD Prof Meats		3J E PENDLETON BS Ext Dairy Spec	
12J C HILLIER PhD Prof Swine		12R L VON GUNTEN MS Asst Prof	
12CLARK KINKEAD BS Farm Supt			
12J E McCROSKY PhD Asst Prof		Economics (Agr)	8320
12R L NOBLE PhD Asst Prof Sheep		123J S PLAXICO PhD Prof and Head of Dept	
3C A PRATT MS Ext Livestock Spec		3G S ABSHIER PhD Ext Econ Mktg	
3C M REED MS Ext Livestock Spec		25J C ATHERTON MS Asst Prof	
3C W RICHARDSON PhD Ext Livestock Nutr Spec	:	12L V BLAKLEY PhD Assoc Prof	
1A A RUTLEDGE BS Beef Cattle Herdsman		2K B BOGGS PhD Assoc Prof	
1M L SUTHERS BS Beef Cattle Herdsman		12E J BOOTH PhD Assoc Prof	
34W F TAGGART MS Ext Livestock Spec		12N A BRISCOE PhD Assoc Prof	
124A D TILLMAN PhD Prof Nutr		12G P COLLINS MS Assoc Prof	
12ROBERT TOTUSEK PhD Prof		3J R ENIX MS Ext Econ Wheat Mktg	
25E J TURMAN PhD Prof		25J R FRANZMANN PhD Assoc Prof	
12L E WALTERS PhD Prof Meats		25R W GREVE MS Instr	
125J A WHATLEY Jr PhD Prof		30'DEAN HUBBARD MS Ext Econ Food Mktg	
12J V WHITEMAN PhD Prof		3D B JEFFREY MS Ext Econ Farm Mgt	
12R L WILLHAM PhD Assoc Prof		25W F LAGRONE MS Asst Prof	
		12G A MATHIA PhD Asst Prof	
Biochemistry	8280	3CECIL MAYNARD MS Ext Econ Farm Mgt	
12R E KOEPPE PhD Prof and Head of Dept		4L F MILLER PhD Prof	
12D C ABBOTT MS Asst Prof		3R E PAGE MS Ext Econ Grain Mktg	
12K E EBNER PhD Asst Prof		12L A PARCHER PhD Assoc Prof	
12W D GALLUP PhD Prof		3S G SKELTON MS Ext Econ Poultry Mktg	
12R K GHOLSON PhD Asst Prof		34DOYLE SPURLOCK MS Ext Econ Consum Mktg	
12F R LEACH PhD Assoc Prof		12J D TARVER PhD Asst Prof	
12M E MASON PhD Asst Prof		2J F TOMLINSON MS Farm Coordinator	
12E C NELSON PhD Instr		12L G TWEETEN PhD Assoc Prof	
4G V ODELL MS Asst Prof		120 L WALKER PhD Assoc Prof	
4G R WALLER PhD Assoc Prof		34H E WARD MS Ext Econ Outlook and Policy	
12L W WARNOCK PhD Instr			
12J E WEBSTER PhD Prof		Education (Agr)	8330
12D R WILKEN PhD Asst Prof		IR R PRICE EdD Prof and Head of Dept	
		1C R COOK EdD Asst Prof	
Botany and Plant Pathology	8290	1E D EDINGTON EdD Asst Prof	
2W W HANSEN PhD Prof and Head of Dept		1C G WHITE MS Asst Prof and Teacher Trainer A	gī
25G L BARNES PhD Asst Prof		Educ	
2EDDIE BASLER Jr PhD Assoc Prof			
25R C BELLINGHAM MS Asst Prof		Engineering (Agr)	8340
25L A BRINKERHOFF MS Prof		123E W SCHROEDER MS Prof and Head of Dept	
2Mrs MARGARET H BROOKS PhD Asst Prof		12D G BATCHELDER MS Asst Prof	
12J M J deWET PhD Assoc Prof		3E R BELL BS Assoc Spec Rural Bldgs	
25GENE GUINN PhD Asst Prof		2L F BOUSE BS Instr	
25R E HUNTER MS Instr 2L S MORRISON MS Asst Prof		1G E COOK MS Asst Prof	
		12F R CROW MS Assoc Prof	
2E E SAARI MS Instr 2F B STRUBLE PhD Prof		12E R DANIEL MS Assoc Prof	
2J E THOMAS PhD Prof		1J A DILTS BS Asst Prof	
2G W TODD PhD Assoc Prof		12J E GARTON PhD Assoc Prof	
2D F WADSWORTH MS Asst Prof		25W R GWINN MS Asst Prof 3E M LEWIS BS Ext Rural Elec Spec	
2H C YOUNG PhD Prof		12G W A MAHONEY MS Asst Prof	
2		12G L NELSON PhD Prof	
Communications (Agr)	8300	3C V PHAGAN BS Ext Agr Engin	
12R H BURLEY BS Agr Writer		12J G PORTERFIELD MS Prof	
3EWING CANADAY Ext Radio-TV Spec		25W O REE BS Assoc Prof	
3H J DEDRICK MS Ext Radio and TV Spec		25C E RICE MS Instr	
23PAUL DONAVAN MS Asst Ed		12L O ROTH MS Asst Prof	
3J L DRUMMOND BA Assoc Ext Ed		25L G SCHOENLEBER BS Prof	
23W E LEMONS Head of Agr Inform Serv and Ext E	d	12R W WHITNEY BS Instr	
2Mrs MARY LOU SARE MS Asst Ed		Tan in internal Do Mide	
12J E SCARBROUGH MS Asst Ed and Asst Prof		Entomology	8350
3W L STEVENS MS Assoc Ext Ed		123D E HOWELL PhD Prof and Head of Dept	10001
23J R STREETER BÅ Åsst Ed		12D E BRYAN PhD Prof	
23C N VOYLES MS Assoc Prof and Pubs Ed		25H L CHADA PhD Assoc Prof	
23W W WATSON Asst Ed and Artist		12W A DREW PhD Assoc Prof	
		3N W FLORA BS Ext Ent	
Dairying	8310	25C F HENDERSON MS Assoc Prof	
123S D MUSGRAVE PhD Prof and Head of Dept		235S E KUNZ MS Instr	
3C H BURTON EdD Ext Dairy Spec		12H W VAN CLEAVE MS Instr	
eat I BIICH DhD Acet Drof		AND D WAL TON DED Doof	

Entomology-Continued

25E A WOODS Jr BS Instr 3J H YOUNG PhD Ext Ent

Extension Administration and Supervision 3L H BRANNON PhD Dir

8360

3E K LOWE BS Asst Dir of Pers

34E D HUNTER MS Asst Dir 3WARD BLOCKER MS Asst to Dir

3GRACE L SPIVEY EdD State Home Demon Agt 3IRMA MANNING MS Asst State Home Demon Agt

3EDNA MAE BAKER MS Dist Home Demon Agt 3A H CASEY EdD Dist Supvr

3H E CHAMBERS MS Dist Supvr

3Mrs LADORA C CHESBRO MS Dist Home Demon Agt

3W N COOK MS Dist Supvr 3V L DEATON MS Dist Supvr

3Mrs ELMA P GARNER MS Dist Home Demon Agt

3J M IVES BS Dist Agt at Large

3WILDA SCHAFFER BS Dist Home Demon Agt

3G E STROUP EdD Dist Supvr

3Mrs IRENE B WOODS MS Dist Home Demon Agt

Forestry
123G R DURRELL BS Prof and Head of Dept
3C L CLYMER BS Ext Econ for Prod

3M R CRAIGHEAD BS Ext For 12D W ROBINSON MF Asst Prof

12T H SILKER MS Asst Prof

12NATHANIEL WALKER MS Assoc Prof

12E Y WHEELER MS Asst Prof

Home Economics

8380

8370

1LELA O'TOOLE PhD Dean of Div of Home Econ 1HELEN F BARBOUR PhD Prof and Head of Food Nutr and Inst Admin

13BETTY J BRANNON EdD Field Studies and Training

1 JUNE COZINE PhD Prof and Head of Dept of Home

14PAULING CUNNINGHAM MS Assoc Prof Home Econ and Asst to Dean

1JUANITA M NOEL PhD Prof and Head of Clothing Textiles and Merchandising

MAIE A NYGREN Prof and Head of Housing and Int Design

¡EVELYN R PATE PhD Prof Home Econ and Vice Dean of Div of Home Econ

IVIRGINIA M STAPLEY PhD Prof Fam Relat and Child Devlpmt Child Devlpmt and Pre-school Lab Dir

ILLSE H WOLF PhD Prof and Head of Dept of Home Mgt Equip and Fam Econ

3JANELLE ALLISON MS Ext Clothing Spec

14HAZEL BAKER MS Asst Prof Food Nutr and Inst

1MARY C BARNES MA Asst Prof Food Nutr and Inst Admin

3Mrs JANE C BERRY MS Ext House Furnishing Spec 1VIVIAN S BOWLES BS Instr Food Nutr and Inst

1ALENE BROWN MS Asst Dietition and Instr Food Nutr and Inst Admin

LORA CACY PhD Asst Prof Home Econ Educ 1MARY B CARTER MA Assoc Prof Food Nutr and Inst Admin

14JOANNA E CHAPMAN MS Assoc Prof Home Econ Educ

3LUCILLE A CLARK MS Assoc Ext Econ Housing and Home Equip

1MARY M COX MS Asst Prof Fam Relat and Child Devlpmt

3T S CUNNINGHAM MS Assoc Fam Life Spec IMARY CURRIER MA Assoc Prof Food Nutr and Inst

1SALLIE DOUGLAS BS Nursery Sch Asst

Home Economics-Continued

1Mrs WANDA FLORA MS Instr Fam Relat and Child Devlpm

1STANLEY E FOWLER PhD Prof and Head of Fam Relat and Child Devlpmt Dept

1Mrs VERA RAGLAND GARDNER MA Asst Prof Home Mgt Equip and Fam Econ

1BRENDA GOULD MA Assoc Prof Clothing Textiles and Merchandising 1KATHRYN M GREENWOOD MA Asst Prof Housing and

Int Design and CTM 1BOBBYE HALBROOK MS Instr Fam Relat and Child

Devlpmt 1LOIS B HASTINGS RN MA Asst Prof Food Nutr and

Inst Admin 14EMPO HENRY MA Assoc Prof Clothing Textiles and

Merchandising 1Mrs JOSEPHINE W HOFFER EdD Assoc Prof Fam Relat

and Child Devlpmt 1HAZEL INGERSOLL PhD Prof Fam Relat and Child

Devlpmt IBEATRICE KALKA MS Asst Prof Clothing Textiles and Merchandising

1Mrs LORENE W KEELER MS Instr Fam Relat and Child Devlpmt

1Mrs BEULAH M KINNEY MS Asst Prof Fam Relat and Child Devlpmt

1MARY E LEIDIGH MS Assoc Prof Food Nutr and Inst

1GERTRUDE McALLISTER MS Asst Prof Home Mgt Equip and Farm Econ

1J J MacALLISTER MA Assoc Prof and Dir of Sch of Hotel and Restaurant Admin 1Mrs GLADYS B MARSHALL MS Asst Prof Fam Relat

and Child Devlpmt 1SARA D MEADOR MS Assoc Prof Clothing Textiles

and Merchandising 1CAROL MORGAN MS Instr Fam Relat and Child

Devlpmt

3Mrs EVELYN P NANTZ MS Ext Home Mgt Spec IMILTON PASCHALL MS Asst Prof Housing and Int Design

1MILLIE V PEARSON PhD Prof Home Econ Educ 14LEEVERA PEPIN MS Asst Prof Housing and Int Design

3RUTH PETERMANN MS Ext Spec Food and Nutr 1FAITH S PHILLIPS Instr Fam Relat and Child Devlpmt

1THELMA R PRANGE BS Asst Dietition and Instr Food Nutr and Inst Admin

IJOSEPHINE ROTH BS' Instr Food Nutr and Inst Admin 1Mrs CHRISTINE F SALMON MArch Assoc Prof Housing and Int Design

12DOROTHY SAVILLE MS Prof Clothing Textiles and Merchandising and Home Econ Res

1ELIZABETH STARKWEATHER PhD Assoc Prof Form Relat and Child Devlpmt

1Mrs SARA SMITH SUTKER PhD Res Assoc Housing and Int Design

IMERLE WADE MS Asst Prof Food Nutr and Inst Admin

1Mrs LOUISE WAKELEE MS Asst Prof Food Nutr and Inst Admin

14Mrs GIRDIE B WARE MS Assoc Prof Fam Relat and Child Devlpmt

8390

1EVA B WRIGHT MA Asst Prof Co-Dir of Pakistan Home Econ Prog

3MARJORIE O YORK MS Ext Clothing Spec

123W R KAYS MS Assoc Prof and Head of Dept 12H B CORDNER PhD Prof

2J R FLEMING BS Form Supt

3J C GARRETT MS Ext Hort Landsc 12H A HINRICHS MS Asst Prof 12A F KENYON MS Asst Prof

Horticulture-Continued

Horticulture-Continued		Micellaneous - Continued
124R N PAYNE MS Asst Prof		3JEANETTE L CARNES BS Asst State 4-H Leader
12F A ROMSHE BS Assoc Prof		23W D CARLSON BS Asst Secy-Treas of Okla Crop
12H J THOMSON MS Lab Tech		Impr Assoc
3E LWHITEHEAD BS Ext Hort		23J W ECHOLS MS Assoc Ext Agron
no to t	0005	3VIRGINIA E FITE BS Assoc State 4-H Club Leader
Microbiology	8395	23E L GRANSTAFF BS Ext Agron Seed Certif
2L L GEE PhD Prof and Head of Dept		2HERBERT HERSHAW BS Instr Met
2N N DURHAM PhD Prof		3I J HOLLAR MS State 4-H Club Leader
n 1, 6,	0.400	3T W LEE MS Custodian of Supplies and Dist Off
Poultry Science	8400	3J I LOTT BS Hostess Okla State Univ Farm (PO
123J W WEST PhD Prof and Head of Dept 3D O BLACK MS Ext Poultryman		Oklahoma City)
12D L BROOKS MS Asst Prof		3W F LOTT BS Supt of Okla State Univ Farm (PO
12J C GILBREATH Jr PhD Assoc Prof		Oklahoma City)
2M A MALONEY BS Instr		2C E MARSHALL PhD Assoc Prof Statis
12G W NEWELL PhD Assoc Prof		2R D MORRISON PhD Assoc Prof Statis
12C A ROBERTS MS Assoc Prof		3R A PARKER MS Assoc State 4-H Club Leader
12R H THAYER PhD Prof		3D A SCHWAB BS Civ Defense Spec 3AG WARREN EdD Field Studies and Training Studies
2L V TONKINSON MS Instr		2D L WEEKS PhD Assoc Prof Statis
ga v tottuttoottiio mot		ZD L WEEKS FIID ASSOC FIOI SIGHS
Sociology and Rural Life	8410	Special Stations 844
3D E BARRETT MS Rural Areas Devlpmt Spec	0410	Cotton Res Sta PO Chickasha
3C G BAUMAN BS Rural Devlpmt Leader		2E S OSWALT MS Supt
		2W E TAYLOR MS Asst Prof
		Eastern Okla Field Sta PO Stilwell
Veterinary Medicine	8420	Eastern Okla Pasture Sta PO Oktaha
,		2H L WHITAKER MS Sta Supt
VETERINARY ANATOMY		Ft Reno Expt Sta PO El Reno
12D R PETERSON DVM MS Prof and Head of Dept		25R E RENBARGER MS Asst Sta Supt
12JONATHAN FRIEND DVM MS Assoc Prof		25D F STEPHENS MS Supt
12J G GRAHAM DVM BS Instr		Irrig Expt Sta PO Altus and Blair
12J H VENABLE DVM MS Assoc Prof		2A D BAREFOOT BS Supt (PO Altus)
1J A WILSON DVM BS Instr		2CHARLES GALEOTTI BS Supt (PO Lone Wolf)
VETERINARY BACTERIOLOGY		Kiamichi Field Sta PO Idabel
12P B BARTO DVM PhD Assoc Prof		2G H HEDGER BS Supt
VETERINARY MEDICINE AND SURGERY		Panhandle Expt Sta PO Goodwell
12J W WOLFE DVM Prof and Head of Dept		2B J OTT Assoc Prof
1B S BLAUCH DVM Asst Prof		(Agr Staff of Panhandle A&M Col)
1R G BUCKNER DVM Asst Prof		Peanut Res Sta PO Stratford
1LESTER JOHNSON DVM Prof		2W N STOKES Foreman
12E W JONES MRCVS PhD Prof		Pecan Res Sta PO Sparks
1L H MOE DVM Prof		2H L DAVIS Supt
12B B NORMAN DVM Instr		Sandy Land Res Sta PO Mangum
1W M RICE DVM Prof		Southeastern Okla Soil Impr Sta PO Heavener
12D A SCHONEWEIS DVM Asst Prof		2C M BOHANNON Foreman
IN B TENNILLE DVM Prof		Southwestern Okla Cotton Sta PO Tipton
1E I WILLIAMS MRCUS FRCUS Asst Prof		2C L FOX Foreman
VETERINARY PARASITOLOGY		U S Southern Great Plains Field Sta PO Woodward
12W H KRULL DVM PhD DSc Prof and Head of Der	Σ	25E H McILVAIN Jr MS Supt
12E D BESCH DVM PhD Asst Prof		2R A HUNTER Res Asst (Sorghums) Vea Res Sta PO Bixby
IS A EWING DVM MS Asst Prof		2J E MARSHALL BS Supt
VETERINARY PATHOLOGY		Vet Res Inst Field Lab PO Pawhuska
12A W MONLUX DVM PhD Prof and Head of Dept 12W E BROCK DVM PhD Prof		2I O KLIEWER MS Asst Prof
12J B CORCORAN DVM MS Prof		2ROSCOE MARTIN Foreman
12R R DAHLGREN DVM Instr		2C C PEARSON DVM Assoc Prof
1B L GLENN DVM PhD Asst Prof		Wheat Land Conserv Expt Sta PO Cherokee
12J R HRUSKA DVM MS Asst Prof		25M B COX MS Asst Prof
2I O KLIEWER MS Asst Prof		2E G GREER Jr BS Sta Supt
1A L MALLE DVM Assoc Prof		
12R J PANCIERA DVM PhD Prof		Langston University, Langston
2C C PEARSON DVM Assoc Prof		
VETERINARY PHYSIOLOGY AND PHARMACOLOGY		1College Staff 3Extension Staff
12L E McDONALD DVM PhD Prof and Head of Dep	ot	
12C G BEAMES PhD Asst Prof		1W H HALE PhD Pres
12J E BREAZILE DVM PhD Asst Prof		11 A BREAUX MA Admin Dean
12P T CARDEILHAC DVM PhD Asst Prof		1W M COLLINS EdD Dean of Resident Instr
12L L EWING PhD Asst Prof		
12D D GOETSCH DVM PhD Assoc Prof		E4
12M C MORRISSETTE DVM MS Asst Prof		1Mrs VERLEAN ASFAW BS Supvr Nursery Sch
12W S NEWCOMER PhD Prof		3P O BROOKS BS Ext Supvr
12G H STABENFELDT DVM MS Asst Prof		1B S GARCHA PhD Dir Div of Agr
	0.400	1HAZEL O KING BS Ext Supvi
Miscellaneous	8430	1W O MASON MS Coordinator Career Develomt Center 1Mrs ZELLA B PATTERSON MS Instr Econ
3R W ALTMAN PhD Ext Wildlife Spec		INIS AFFER DIVILENCOM MIS. THAT BEGIL

1WILLIAM B SCOTT MLS Libr IW E SIMMS MS Asst Prof Agron 1Mrs SADIE G WASHINGTON MA Prof Foods and Dir of Home Econ 1J L WHITE MS Instr Dairying

OREGON

Schools of Agriculture, Home Economics, the Agricultural Experiment Station, and Federal Cooperative Extension Service of Oregon State University, Corvallis

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

1R E LIEUALLEN PhD Chanc of State Syst of Higher

IJH JENSEN PhD Pres Of Univ

123F E PRICE BS Dean of Sch of Agr Dir of Sta Dir of Fed Coop Ext (Tel PL2-4211 Ext 591)

12W F McCULLOCH EdD Dean of Sch of For and Assoc Dir of Sta 1MIRIAM G SCHOLL EdD Dean of Sch of Home Econ

IW T COONEY MS Assoc Dean of Sch of Agr

2R W HENDERSON PhD Asst Dir of Sta 3G M LEAR MPA Assoc Dir of Fed Coop Ext

1G M ROBERTSON MS Bus Mgr

8.470

12J C MILLER PhD Prof Anim Sci and Head of Dept 2JOHN ADAIR BS Instr Anim Sci (Mink)

3D E ANDERSON BS Ext Dairy Spec

12RALPH BOGART PhD Prof Anim Brdg

2R C BULL MS Asst in Anim Sci

12D C CHURCH PhD Asst Prof Anim Nutr

2E F ELLINGTON PhD Asst Prof Anim Physiol

12D C ENGLAND PhD Assoc Prof Anim Husb (Swine)

3H P EWALT BS Ext Dairy Spec 12C W FOX PhD Assoc Prof Anim Sci (Sheep)

3W D FRISCHKNECHT MS Ext Anim Husb Spec

3D H GATES PhD Ext Range Spec

12D W HEDRICK PhD Prof Range Mgt

12CLAYTON JOHNSON Asst in Anim Sci

12I R JONES PhD Prof Dairy Husb

2JOHN KAUFMES PhD Asst in Anim Sci

12W H KENNICK PhD Asst Prof Anim Sci (Meats)

124R H KLIEWER MS Inst Dairy Husb

124H M KRUEGER PhD Prof Anim Physicl

3J H LANDERS MS Ext Anim Husb Spec 12J E OLDFIELD PhD Prof Anim Nutr

1A W OLIVER MS Assoc Prof Anim Sci (Horses)
12M A PETERS BS Asst in Dairy Husb

12C E POUL TON PhD Prof Range Mgt 12A T RALSTON PhD Assoc Prof Anim Sci (Beef

1PAUL RUTLAND Instr Horse Husb

2W H C SCHALLIG BA Asst In Range Mgt
2F M STOUT PhD Res Asst Prof Anim Nutr
2R B TURNER MS Asst in Range Mgt
12F B WOLBERG MS Assoc Prof Dairy Husb 12A S WU PhD Asst Prof Anim Physiol

Botany and Plant Pathology

8480

12R A YOUNG PhD Prof Plant Path and Head of Dept
2T C ALLEN PhD Assoc Prof Plant Path (Viral Field Crops)

2W S ANDERSON BS Asst in Plant Path

12N I BISHOP PhD Assoc Prof Plant Phys

12W H BRANDT PhD Asst Prof Botany

12H R CAMERON PhD Assoc Prof Plant Path (Fungus-

tree fruit)

2Mrs HENRIETTA L CHAMBERS PhD Asst in Bot 12K L CHAMBERS PhD Assoc Prof Bot (Taxon)
12W W CHILCOTE PhD Prof Bot (Ecol)

Botany and Plant Pathology-Continued

12M E CORDEN PhD Assoc Prof Plant Path (Phys of Parasitism)

25Å J CULVER Jr MS Assoc Prof Plant Path

121 W DEEP PhD Asso Prof Plant Path
23N D DOBIE PhD Asso Prof Plant Path
2H L DOOLEY MS Asst in Plant Path
12H J EVANS PhD Prof Plant Phys
25R E FORD PhD Asst Prof Plant Path (Virol-Veg) 12HELENM GILKEY PhD Prof Bot (Emeritus)

25J R HARDISON PhD Prof Plant Path (Forage Dis) 2W E R HOPPER MS Asst in Nematol

125C E HORNER PhD Assoc Prof Plant Path (Mint &

Hop Dis)

12H J JENSEN PhD Assoc Prof Nematol

2CATHERINE JOHNSON MS Asst in Plant Path

2G V JOHNSON PhD Res Assoc (Asst Prof) Plant Phys 12L E JONES PhD Assoc Prof Bot (Cellular Biology)
2M L LACEY MS Assoc Prof Plant Path (Seed

Diseases)

3I C MACSWAN BSA Ext Plant Path Spec

25F P McWHORTER PhD Prof Plant Path (Virus Dis) 2PATRICIA MAYEUX MS Asst in Bot

2C A MARTINSON MS Asst in Plant Path

2C D McINTIRE MS Asst in Bot

12J A MILBRATH PhD Prof Plant Path (Virol-tree fruit)

25P W MILLER PhD Prof Plant Path (small fruit)
25E E NELSON PhD Asst Prof For Path

2STANLEY NEMEC MS Instr Plant Path

2R C OSTROWSKI BS Asst in Plant Path 12H K PHINNEY PhD Prof Bot (Algology)

23R L POWELSON PhD Asst Prof Plant Path (Field Crop Dis)

12L F ROTH PhD Prof For Path

2S A RUSSELL MS Asst in Bot 25E J TRIONE PhD Asst Prof Plant Path

12E K VAUGHAN PhD Prof Plant Path (Veg Crop Dis) 2B ZAK DF Assoc Prof For Path

Chemistry (Agr) 8490 2V H FREED PhD Prof Chem and Head of Dept

(Herbicides)

2F W ADAMS MS Instr in Chem (An Nutr)

2G S BEAUDREAU PhD Assoc Prof

2D BRANNOCK BS Asst in Biochem
2D E BULLIS MS Prof of Chem (Emeritus)
2S C FANG PhD Assoc Prof of Chem (Plant Biochem)

2DOROTHY FISHER BA Asst in Biochem

12J R HAAG PhD Prof of Chem (Anim Nutr)
12C R HEISLER PhD Asst Prof of Chem (Plant

Biochem)

Eiochem)
25S T LIKENS BS Assoc Prof of Chem
2R R LOWRY BA Asst in Biochem
2Mrs SHIH-DZUNG C LU PhD Res Assoc Asst Prof
2LOGAN NORRIS MS Asst in Biochem
12L F REMMERT PhD Prof of Chem (Enzymology)

2R H RICHARDS BS Asst in Biochem 2L C TERRIERE PhD Prof of Chem (Toxocology)

2Mrs DORIS TERRIERE BS Asst in Biochem
2I J TINSLEY PhD Asst Prof of Chem (Food Biochem)

2J B VERNETTI BS Asst in Biochem

2P H WESWIG PhD Prof of Chem (Anim Nutr) 2TE CHANG YU BS Asst in Biochem

Economics (Agr)

8500

12G B WOOD PhD Prof Ag Econ and Head of Dept 2F S BAKER BA Asst in Trans Econ 13M H BECKER MS Prof Ag Econ and Ext Farm Mgt

12G E BLANCH PhD Prof Ag Econ (Tax & Fin)
12W G BROWN PhD Assoc Prof Agr Econ (Prod Econ)

3PAUL CARPENTER BS Ext Agr Econ (Emeritus) 12E N CASTLE PhD Prof Agr Econ (Resource Econ)

8550

Economics (Agr)-Continued 2M J CONKLIN BS Asst Prof Agr Econ
25GRANT CORNELIUS PhD Asst Prof Agr Econ (Range 42F H J DICKMANN BS Instr Agr Econ (Mktg) 12J A EDWARDS PhD Asst Prof Agr Econ (Price Theory) 3C M FISCHER MS Ext Poultry Mktg Spec
3R H GRODER BS Ext Fruit and Veg Mktg Spec 30 N HAGG BS Ext Dairy Mktg Spec 12A N HALTER PhD Assoc Prof Agr Econ (Prod Econ) 12H F HOLLANDS PhD Prof Agr Econ (Mktg) 250 W HOLMES MS Asst Prof Agr Econ (Rural Develop) 3Mrs ELVERA C HORREL Ext Agr Econ Statis 12H M HUTCHINGS PhD Asst Prof Agr Econ (Mktg) 12G E KORZAN PhD Prof Agr Econ (Mktg) 12R D LANGMO MS Assoc Prof Indust Engin 3S C MARKS MS Ext Agr Econ (Mktg Rpts) 12D C MUMFORD MS Prof Agr Econ (Farm Mgt) 12E L POTTER MS Prof Agr Econ (Emeritus) 2D J RICKS MS Asst in Agr Econ 23LEROY RODGERS PhD Asst Prof Agr Econ 3G H SANDER BS Ext For Prod Mktg Spec
3VELMA SEAT BS Cons Mktg Spec
12G R SITTON PhD Prof Agr Econ (Prod Econ)
25H H STIPPLER MS Prof Agr Econ (Prod Econ) 2H H STOEVENER PhD Res Assoc (Asst Prof) (Resource Econ)

23C F SUTHERLAND MS Asst Prof For Econ 3R H TEAL MS Ext Seed Mktg Spec 3M D THOMAS BS Ext Agr Econ Education (Aar)

1H A TENPAS EdD Assoc Prof Agr Educ and Head of 1P B DAVIS PhD Asst Prof Agr Educ

8520 Engineering (Agr) 12J B RODGERS AE Prof Agr Eng and Head of Dept (Power and Mach)

124L W BONNICKSEN MS Assoc Prof Agr Engr (Structures)

12D E BOOSTER MS Asst Prof Agr Engr (Power and Mach)

25N R BRANDENBURG MS Assoc Prof Agr Engr (Power and Mach) 1L V CHRISTENSEN BS Asst Prof Agr Engr

12M G CROPSEY PhD Prof Agr Eng (Elec) 25J E HARMOND BS Prof Agr Engr (Power and Mach) 3M G HUBER BS Ext Agr Engr Spec

12D E KIRK MS Assoc Prof Agr Engr (Dehyd and Crop Proc)

25L M KLEIN BS Assoc Prof Agr Engr (Power and Mach)
412D R LONG MS Assoc Prof Agr Engr (Power and Mach)
1R N LUNDE BS Prof Agr Engr

2B G MIKKELSON BS Asst in Agr Engr

2G E PAGE MS Assoc Prof Agr Engr (Power and Mach)
2J K PARK MS Assoc Prof (Power and Mach)

12H R SINNARD MS Prof Agr Engr (Head Dept of Arch) (Structures)

2J D SUMNER BS Inst Agr Engr (Power and Mach)
12D G WATTS MS Asst Prof (Soil and Water)
12J W WOLFE PhD Assoc Prof Agr Engr (Soil and Water)

8530 12P O RITCHER PhD Prof Ent and Head of Dept 12N H ANDERSON PhD Asst Prof Aquatic Ent

2W N CANNON PhD Asst in Ent

1W J CHAMBERLIN PhD Assoc Prof For Ent (Emeritus)

2H H CROWELL PhD Assoc Prof Ent (Veg Insects)
12E A DICKASON PhD Assoc Prof Ent (Forage Insects)

3R W EVERY BS Ext Ent Spec

2R L GOULDING Jr PhD Asso Prof Ent (Anim Pests)

2S C JONES MS Prof Ent (Tree Fruit Insects)

2R F KOONTZ MS Instr Ent

Entomology-Continued

12G W KRANTZ PhD Assoc Prof Ent (Mites)
2H E MORRISON MS Assoc Prof Ent (Soil Borne Pests)

2W P NAGEL PhD Asst Prof For Ent 2W PHILLEO BS Asst in Insect Toxicol

2Mrs NANDINI RAJADHYAKSHA PhD Asst in Ent

2R G ROSENSTIEL PhD Assoc Prof Ent (Small Fruit Insects)

12J A RUDINSKY PhD Prof For Ent

25R RYAN PhD Asst Prof For Ent

25F H SCHMIDT PhD Asst Prof For Ent

2R D SCHONDROD BS Asst in Insect Biochem

12H A SCULLEN PhD Prof Ent (Emeritus)

12W P STEPHEN PhD Assoc Prof Ent (Apiculture)

12K G SWENSON PhD Prof Ent (Virus Transmitting)

12L C TERRIERE PhD Prof Insect Toxic
25C G THOMPSON PhD Prof For Ent

5GERTRAUDE C WITTIG PhD Assoc Prof For Biol

Experiment Station Administration

123F E PRICE BS Dir

2R M ALEXANDER MA Asst Dir

2G H BARNES PhD AsstDir For Res Div

12W H FOOTE PhD Asst Dir 12J W HEGGEN BS Acct 2R W HENDERSON PhD Asst Dir

2R M KALLANDER BS Asst Dir For Res Div 2W F McCULLOCH EdD Assoc Dir For Res Div

12R A SOLUM Fiscal Off

Extension Administration

8510

123F E PRICE BS Dir

3G M LEAR MPA Assoc Dir

3MARY ABBOTT MA State Ext Agt 3TURNER BOND MS State Ext Agt

3RUTH BRASHER MA State Ext Agt

3J R COX BS State Ext Agt

3EVELYN A FUNK MS State Ext Agt

3J G HOOD MS Asst Dir

3B S HUTTON BS State 4-H Club Leader

3G A KLEIN MA State Ext Agt 3C L LEACH BS Ext Aud

34C G MONROE MS State Ext Agt 3W G NIBLER MS State Ext Agt

3A LOIS REDMAN MA State Ext Agt

3JACKSON ROSS MS State Ext Agt
3MURLE SCALES MS State Ext Agt

3J W SCHEEL MA Asst Dir 3C L SMITH PhD State Training Leader

3ESTHER TASKERUD MA Asst Dir

3C G WEEDMAN Admin Asst

Farm Crops 8560

12J R COWAN PhD Prof Agron and Head of Dept 2A P APPLEBY PhD Asst Prof Agron

2R W BALDWIN MS Asst in Form Crops 3DONALD BREWER BS Ext Certif Spec

25S N BROOKS PhD Prof Agron (Hops) 2W CALHOUN Jr MS Asst Prof Agron

1R H CALLIHAN MS Inst Agron

12D O CHILCOTE PhD Asst Prof Crop Phys

12Mrs TE MAY CHING PhD Assoc Prof Seed Phys

3G W DEWEY BS Ext Certif Spec (Emeritus)

2R W FECHTIG MS Asst in Farm Crops
3H E FINNELL MS Ext Certif Spec
12W H FOOTE PhD Prof Agron (Cereals)
12R E FORE PhD Prof Agron (Corn)

12R V FRAKES PhD Asst Prof Plant Brdg
412W R FURTICK PhD Assoc Prof Agron (Weeds)
3N R GOETZE PhD Ext Fann Crops Spec

23E E HARDIN BS Asst Prof Seed Tech

12D W HEDRICK PhD Prof Range Mgt

12D D HILL PhD Prof Agron (Emeritus)

3E R JACKMAN BS Ext Range Crops Mgt Spec (Emeritus)

12Mrs LOUISA A JENSEN BS Assoc Prof Seed Tech

12W E KRONSTAD PhD Asst Prof Agron (Cereals)

Farm Crops-Continued

24CHARLES LEACH PhD Assoc Prof Plant Path 25W O LEE MS Instr Agron (Weeds) 25R S MACLAUCHLAN BS Asst Prof Agron 12W S McGUIRE PhD Assoc Prof Agron (Pasture)
25R J METZGER PhD Assoc Prof Cytogenet
12C E POULTON PhD Prof Range Ecol 25H H RAMPTON MS Assoc Prof Agron (Seed Crops)
2H A SCHOTH MS Prof Agron (Emeritus) 3W E SIEVEKING MS Ext Certif Spec

25S L SWANSON BS Instr Agron 3REX WARREN MS Ext Form Crops Spec

43J L WAUD BS Ext Cert and Farm Crops Spec

25C E ZIMMERMAN BS Instr Agron (Hops)

Fish and Game Management

12T G SCOTT PhD Prof Game Mgt and Head of Dept
12C E BOND PhD Assoc Prof Fisheries
2W P BREESE MS Asst Prof Fisheries

2H J CAMPBELL BS Asst Prof Fisheries (Coop Oreg St Game Comm)

2GEORGE CHADWICK MS Inst Fisheries (HEW) 2DON CHAPMAN PhD Assoc Prof Fisheries (Res Dir Oreg Fish Comm)

2GERALD DAVIS PhD Asst Prof in Fisheries
12R E DIMICK MS Prof Fisheries

12PETER DOUDOROFF PhD Prof Fisheries

2R L GARRISON MS Inst Fisheries (Coop Oreg St Game

2J'S GASHWILER MS Assoc Prof Fish and Game Mgt (Coop USDI)

12J D HALL PhD Asst Prof Fisheries
2E L HANSEN MS Instr Fish and Game Mgt

12H F HORTON PhD Asst Prof Fisheries 12L W KUHN MS Assoc Prof Game Mgt

3A S LANDFORCE BS Ext Wildlife Mgt Spec

12W C LIGHTFOOT BS Asst Prof Game Mgt (Coop Oreg St Game Comm)

1J B LONG MS Assoc Prof Fish and Game Mgt

2R E MILLEMANN PhD Assoc Prof Fisheries

2H J RAYNER PhD Prof Fisheries (Coop Oreg St Game Comm)

2HARI SETHI MS Asst in Fisheries

2D L SHUMWAY MS Asst Prof Fisheries

2HARRY WAGNER MS Inst Fisheries (Coop Oreg St Game Comm)

12C W WARREN PhD Assoc Prof Fisheries

Food Science and Technology

12H W SCHULTZ PhD Prof Food Tech and Head of Dept 2D F AMEND BS Asst in Food Tech

2A F ANGLEMIER PhD Asst Prof Food Tech (Meats) 2DONALD BILLS BS Asst in Food Tech

12R F CAIN PhD Prof Food Tech

2W Y COBB PhD Res Assoc (Asst Prof) Food Tech

12E A DAY PhD Assoc Prof Food Sci (Flavor Chem)
12J H DIETZ PhD Asst Prof Food Tech

2A A EL-BADAWI PhD Res Assoc (Instr)

2R H ENGEBRECHT MA Res Assoc (Instr)

2J L FRYER MS Res Assoc (Instr) Fish Path

2LETICIA GOMEZ MS Asst in Food Tech

2E W HARVEY PhD Assoc Prof Food Tech (Fish Proc) 2J S LEE PhD Res Assoc (Asst Prof)

2L M LIBBEY PhD Res Assoc (Asst Prof) Food Tech

(Flavor Chem)

12E M LITWILLER PhD Prof Food Tech (Emeritus) 12M W MONTGOMERY PhD AsstProf Food Tech (Proteins)

3R E MOSER Jr MS Ext Fruit and Veg Proc Spec

12THOMAS ONSDORFF MS Assoc Prof Food Tech 12C E SAMUELS PhD Prof Food Tech

12Mrs LOIS A SATHER BS Assoc Prof Food Formulation and Eval

12R O SINNHUBER MS Prof Food Tech (Fish Chem) 2R L SMITH PhD Assoc Prof Food Tech 2WILLI SPRENGER Asst in Food Sci

Food Science and Techology-Continued

12R W STEIN MS Assoc Prof Dairy Tech 2G W VARSEVELD MS Asst Prof Food Sci

2J H WALES MA Assoc Prof Fisheries
12C J WILDER MS Assoc Prof Food Tech 2Mrs CAROLYN J WYATT MS Asst in Food Tech

12H Y YANG PhD Assoc Prof Food Tech 2T C YU MS Asst Prof Food Tech

Forest Research Lab-Forest Management

2D N BEVER MF Head and Prof For Mgt

2A B BERG MS Prof For Mgt 2H C BLACK MS Asst Prof For Mammalogy 2R L CARMICHAEL MS Asst in For Res

2K K CHING PhD Assoc Prof For Genet

2R K HERMANN PhD Asst Prof For Ecol

2E F HOOVEN MS Asst Prof For Mammalogy 2L O HUNT MS Asst in For Mgt

2RUDOLF KANGUR MS Asst Prof For Mgt
2F L KUDRJAVCEV MS Asst Prof For Mgt
2D P LAVENDER PhD Asst Prof For Physiol

12W P LOWRY PhD Asst Prof For Met 2R H WARING PhD Asst Prof For Mgt

2ERNEST WRIGHT PhD Prof For Path

Forest Research Lab-Forest Products

2L D ESPENAS MS Head and Prof For Prod 2HARVEY AFT PhD Asst Prof For Prod Chem

2T J ALBERT MWT Instr For Prod (Timber Mech)
2G H ATHERTON BS Assoc Prof Mech Engin

2S E CORDER BS Asst Prof Mech Engin 2R A CURRIER MS Assoc Prof For Prod 2D W GLENNIE PhD Prof For Prod Chem

2R D GRAHAM MS Assoc Prof For Prod 2J W JOHNSON MS Asst Prof For Prod 2C J KOZLIK MF Asst Prof For Prod

2R L KRAHMER PhD Asst Prof For Prod

2R H KUNESH MWT Instr For Prod 2W F LEHMANN MS Instr For Prod

2D J MILLER MS Asst Prof For Prod

21 S MOTHERSHEAD BS Instr For Prod 2J L OVERHOLSER BS Asst Prof For Prod 2H A SCHROEDER PhD Asst Prof For Prod

2H U SIEBEN BS Asst in Timber Mech

2J D SNODGRASS MWT Prof For Prod

Forest Science

8610

8590

8600

2G H BARNES PhD Asst Dir and Prof For Mat 12J F BELL MS Asst Prof For Mgt

12W K FERRELL PhD Assoc Prof For Mgt (Physiol) 412H IRGENS-MOLLER PhD Asst Prof For Genet

12R F KENISTON PhD Prof For Mgt

12J T KRYGIER MS Assoc Prof For Mgt (Watershed Mgt)
12M D MCKIMMY PhD Assoc Prof For Prod 12MICHAEL NEWTON MS Instr For Mgt

2L A NORRIS BS Asst in Biochem

12W R RANDALL MS Assoc Prof For Mgt

5J S ROTHACHER MS Assoc Prof For Mgt

5R H RUTH MS Assoc Prof For Mgt 5R R SILEN PhD Assoc Prof For Genet

12W P WHEELER MS Assoc Prof For Mgt
5C B WILLIAMS MS Instr For Mgt
12E S WOODARD BS Instr For Mgt

2JAROSLAV ZAVITKOVSKI Asst in For Mgt

Home Economics

8620

41MIRIAM G SCHOLL EdD Dean of Sch

1MAY DUBOIS PhD Prof and Head of Dept of Home Econ Educ 1M L FINCKE PhD Prof and Head of Dept of Foods and

1Mrs WINNIFRED K FULMER MS Head Counselor

Sch of Home Ec

Home Economics - Continued

1KATHERINE H READ MS Prof and Head Dept of Fam Life and Home Admin

1IDA INGALLS MA Prof Admin and Tex Cloth and Relat Arts

12CLARA A STORVICK PhD Prof Foods and Nutr and Chmn Home Econ Res

41MARIAN C AIKIN MS Asst Prof Fam Life and Home Admin

IGEORGINE V BARTE MS Asst Prof Food and Nutr 1Mrs MARY M BECKER PhD Asst Prof Food and Nutr 2EVA BENSON MS Instr Nutr

1Mrs JANET BUBL BA Instr Cloth Tex and Relat Arts
1Mrs MARIE BUSSARD MS Asst Prof Food and Nutr
1ELAINE CARLSON MS Asst Prof Cloth Tex and
Relat Arts

1JOAN CARLSON BS Inst Fam Life and Home Admin 1HELEN G CHARLEY MS Prof Foods and Nutr 1LAURA M CLEAVELAND MS Asst Prof Inst Mgt 1ANNA CREEKMORE PhD Assoc Prof Cloth Tex and Relat Arts

1MARIE DIEDESCH MS Assoc Prof Cloth Tex and Relat Arts

1DOROTHY EAST MS Instr Food and Nutr 1CLARA W EDABURN MA Prof Cloth Tex and Relat Arts

2Mrs MARGARET EDWARDS BS Senior Instr Nutr 3ROBERTA C FRASIER MS Ext Fam Life Spec 1JEANNE M FULLER BS Instr Inst Mgt 1DOROTHY GATTON MS Prof Clothing and Tex Mrs KATHLEEN GEE BS Inst Fam Life 1PHYLLIS E GRANT MS Asst Prof Cloth Tex and Relat Arts

1ARTHUR GRAVATT PhD Asst Prof Fam Life
12BETTY E HAWTHORNE PhD Prof Foods and Nutr
1TENNISON HALEY EdD Asst Prof Fam Life
1BERNEATA HENDRIX MS Instr Home Econ Educ
12BARBARA HODAM BS Inst Cloth Tex and Relat Arts
1Mrs MIRIAM M HOLMAN MS Asst Prof Inst Mgt
1PRISCILLA HORNING MS Inst Fam Life and Home
Admin

3ALBERTA JOHNSTON MS Ext Spec Home Mgt
2Mrs BETTY SUE JOINER MS Instr Foods
1LESTER A KIRKENDALL PhD Prof Fam Life and Home
Admin

1MARIE LEDBETTER MS Asst Prof Cloth Tex and Relat Arts

12Mrs ANDREA MACKEY PhD Prof Foods and Nutr 1RENE MAIER PhD Instr Home Ec Res 1ISABELLA F McQUESTEN MS Assoc Prof Home Econ Educ

3JESSALEE A MALLALIEU MS Ext Spec Rec 1DON MILLER EdD Asst Prof Fam Life and Home Admin

1Mrs DOROTHY M MILLER BS Ext Spec Home Mgt 1RUTHA MOSER MS Asst Prof Cloth Tex and Relat Arts

1JACQUELIN OLESON MA $\,$ Instr Fam $\,$ Life and Home $\,$ Admin $\,$

1JOAN PATTERSON MFA Prof Cloth Tex and Relat Arts

1MARTHA PLONK MS $\,$ Asst Prof Fam Life and Home $\,$ Admin $\,$

2Mrs PATRICIA POHL MS Asst in Foods Home Econ Res

1MILDRED REYNOLDS EdD Prof Inst Mgt 1HENRY D SCHALOCK PhD Assoc Prof Fam Life 3VELMA SEAT BS Asst Prof Ext Spec Food Mkt 1HELEN SIMMONS MA Instr Family Life and Home Admin

3BERNICE STRAWN MS Ext Home Mgt and Equip Spec

Home Economics - Continued

1GERTRUDE TANK DDS Assoc Prof Nutr Res 1MARY S WALLACE MS Asst Prof Foods and Nutr 1THELMA L WATTS BS Instr Foods and Nutr 3VIRGINIA WEISER MS Ext Nutr Spec 1HELEN L WELLS PhD Assoc Prof Fam Life and Home Admin

1Mrs VERA L WELLS MS Asst Prof Cloth Tex and Relat Arts

2MURIEL WOODRING BS Asst in Nutr

Horticulture 8630

12S B APPLE Jr PhD Prof Hort and Head of Dept
12J R BAGGETT PhD Assoc Prof Hort (Veg Crops)
12L T BLANEY PhD Assoc Prof Hort (Ornam)
3R R CLARK MS Ext Hort Spec
12O C COMPTON PhD Prof Hort (Pomol)
12GARVIN CRABTREE PhD Asst Prof Hort (Weeds)
3A A DUNCAN PhD Ext Hort Spec Assoc Prof
12W A FRAZIER PhD Prof Hort (Veg Crops)
12RALPH GARREN Jr PhD Assoc Prof Hort (Small Fruits)

12ELMER HANSEN PhD Prof Hort (Pomol)
12HENRY HARTMAN MS Prof Hort (Emeritus)
2D L KLECZYNSKI BS Asst in Hort
12HARPY LACEPETET NS. Asst Prof Hort (S

12HARRY LAGERSTEDT MS Asst Prof Hort (Small Fruits)

12C G LYONS MS Inst Hort 12H J MACK PhD Assoc Prof Hort (Veg Crops) 25J H PAINTER MS Prof Hort (Nuts)

12A N ROBERTS PhD Prof Hort (Ornam)
12E E WADSWORTH BS Assoc Prof Flor
25G F WALDO MS Prof Hort (Small Fruits)

12M N WESTWOOD PhD Assoc Prof Hort (Pomol)
12Q B ZIELINSKI PhD Assoc Prof Hort (Pomol)

information (Agr)

8640

3A C EBERT BS Agr Inform Chrm
3L J CALVERT BA Inform Spec
3DWIGHT FAIRBANKS MS Ext Vis Instr Spec
2R G MASON PhD Assoc Prof Expt Sta Ed
3Mrs MIRIAM MILLER BS Inform Spec
13W C REID PhD Ext Vis Instr Spec
3R W SALISBURY BS Ext Pub Spec
3W C SMITH BS Dir of Farm Prog KOAC

Microbiology 8650

12P R ELLIKER PhD Prof Dairy Microbiol and Head of Dept

412A W ANDERSON PhD Assoc Prof Food Microbiol
12W B BOLLEN PhD Prof Soil Microbiol
12C M GILMOUR PhD Prof Soil Microbiol

2DARRELL GWINN BS Asst in Micro 2R L LARSON PhD Res Assoc (Asst Prof) 2R E LEVIN PhD Res Assoc (Asst Prof)

25K C LU PhD Asst Prof Soil Microbiol
2R Y MORITA PhD Asso Prof Marine Microbiol
12L W PARKS PhD Asso Prof Microbiol Physiol

12L W PARKS PhD Asso Prof Microbiol Physiol 12K S PILCHER PhD Prof Medical Microbiol 12W E SANDINE PhD Asso Prof Dairy Microbiol

Poultry Science

12J E PARKER PhD Prof Poultry Sci and Head of Dept
12G H ARSCOTT PhD Assoc Prof Poultry Nutr
3N L BENNION MS Ext Poultry Spec
12P E BERNIER PhD Prof Poultry Genet

412J A HARPER MS Prof Poultry Sci (Turkeys)
12W H McCLUSKEY MS Asst Prof Poultry Sci

Resident Instruction Administration 8670

123F E PRICE BS Dean of Sch of Agr and Dir of Sta and
Dir of Fed Coop Ext

1W T COONEY MS Assoc Dean of Sch of Agr 1W M LANGAN BS Head Counselor Sch of Agr

125

Soils Branch Stations and Experimental Areas-Continued 8680 12H B CHENEY PhD Prof Soils and Head of Dept 12L A ALBAN PhD Assoc Prof Soils (Soil Fert)
2C A BALSTER MS Asst Prof Soils MID-COLUMBIA BR EXPT STA PO HOOD RIVER 2W M MELLENTHIN MS Supt and Assoc Prof Hort 12LARRY BOERSMA PhD Asst Prof Soils (Physics)
2DUMITRU CARSTEA BS Asst in Soils (Pomol) 25D L COYIER PhD Asst Prof Plant Path 2T T CHAO PhD Asst Prof Soils (Soil Chem) 2FORREST PEIFER MA Asst in Ent 2F W CHICHESTER BS Asst in Soils 2W W SCHAEFER BS Asst in Hort 3H E CUSHMAN BS Ext Soil Conserv Spec 12MURRAY DAWSON PhD Assoc Prof Soils (Soil Fert) NORTH WILLAMETTE VALLEY BR EXP STA PO AURORA 5C T DYRNESS PhD Asst Prof For Soils 2R M BULLOCK PhD Supt and Prof Hort 12D D EVANS PhD Assoc Prof Soils 2W A SHEETS BS Inst Hort 412M E HARWARD PhD Assoc Prof Soils (Soil Chem)
12T L JACKSON PhD Prof Soils (Soil Fert) 2R L TICKNOR PhD Assoc Prof Hort (Ornam) 3A S KING MS Ext Land and Water Cons Spec PENDLETON BR EXPT STA PO PENDLETON 12E G KNOX PhD Assoc Prof Soils (Classif) 2M M OVESON MS Supt and Prof Agron 25D W GEORGE MS Asst Prof Agron 2E V MAS MS Asst in Soils
2B J MASON BS Asst in Soils
12D F MOORE PhD Asst Prof Soils (Plant Nutr) 25T R HORNING MS Assoc Prof Agr Engr 25R E RAMIG PhD Assoc Prof Soils 2C R ROHDE PhD Assoc Prof Agron 25R B PARSONS PhD Asst Prof Soils 3M N SHEARER MS Ext Irrig Spec 12G H SIMONSON PhD Asst Prof Soils (Classif) 24D C SWAN MS Asst Prof Agron 2W J WIPPER BS Asst in Soils SHERMAN BR EXPT STA PO MORO 2W E HALL MS Supt and Asst Prof Agron 2D R GRAHAM BS Asst in Soils 25J L YOUNG Assoc Asst Prof Soils (Soil Fert) 12C T YOUNGBERG PhD Prof For Soils Statistics 8690 SOUTHERN OREG BR EXPT STA PO MEDFORD 2P B LOMBARD PhD Supt and Assoc Prof 2P H WESTIGARD PhD Asst Prof Ent 12L D CALVIN PhD Prof Statis 125P F BASCOM BS Instr Statis
12D R JENSEN PhD Asst Prof Statis 2H H WHITE MS Prof Agron (Emeritus) 2BONITA J PEURA MS Inst Statis 2J A YUNGEN MS Asst Prof Agron 2D S PIERCY BS Asst in Statis 2K E ROWE PhD Asst Prof SQUAW BUTTE COOP RANGE AND LIVESTOCK STA PO 2T L YATES BS Inst Statis BURNS 25W A SAWYER BS Supt and Prof 2R J RALEIGH PhD Assoc Prof Anim Nutr 25C B RUMBURG PhD Assoc Prof Agron Veterinary Medicine 12E M DICKINSON MS DVM Prof Vet Med and Head of Dept 25F A SNEVA BS Asst Prof Range Mgt 12J F BONE MS DVM Assoc Prof Vet Med 2J D WALLACE MS Asst Prof Anim Husb 2J R BROWNELL BS DVM Asst Prof Vet Med 412J R HARR MS DVM Asst Prof Vet Med (Diagnosis) 2D H HELFER DVM Res Assoc (Asst Prof) UMATILLA BR EXPT STA AND MILTON FREEWATER EXP AREA PO HERMISTON 2S E KNAPP PhD Assoc Prof Vet Parasitol 2T P DAVIDSON BS Supt and Asst Prof Hort 20 H MUTH MS DVM Prof Vet Med 12K J PETERSON BS DVM Assoc Prof Vet Med 2J N SHAW BS DVM Prof Vet Med (Emeritus) PENNSYLVANIA 2D H SMITH MS DVM Assoc Prof Vet Med (Diagnosis) 2J O STEVENS DVM Res Assoc Instr Vet Serol Colleges of Agriculture and Home Economics and the 2L R VAWTER MS DVM Prof Vet Med (Emeritus) Agricultural Experiment Station of The Pennsylvania State 2DIANA WESTERMAN BS Asst in Vet Med University, University Park **Weather Meteorology** 8710 1College Staff 2Station Staff 3Extension Staff 2A L ZIMMERMAN BA Assoc Prof Agr Met 4Leave of Absence 5Coop USDA Branch Stations and Experimental Areas 8720 8730 1E A WALKER ScD Pres 1E F OSBORN PhD Vice Pres for Res
123R E LARSON PhD Dean and Dir of Ext (Tel 865-CENTRAL OREG EXPT AREA PO REDMOND

2M J JOHNSON PhD Supt and Asst Prof Agron

EASTERN OREG BR EXPT STA PO UNION 12J A B McARTHUR PhD Supt and Assoc Prof Range Mgt and Anim Husb 2RAY ELLER MS Instr Anim Husb 2F V PUMPHREY MS Asst Prof Agron

JOHN JACOB ASTOR BR EXPT STA PO ASTORIA 2H B HOWELL BS Supt and Prof

KLAMATH BR EXPT STA PO KLAMATH FALLS 2A E GROSS MS Supt and Assoc Prof Agron 2G E CARTER MS Asst in Farm Crops

MALHEUR BR EXPT STA PO ONTARIO 2E N HOFFMAN BS Supt and Asso Prof Agron 2L A FITCH MS Asst in Form Crops 25W RASMUSSEN MS Asst prof of Irrig Engr

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2541)

8740 Agronomy Communications (Agr) - Continued 13ELWOOD MINTZ AB Asst Prof Agr Ext
13ALICE M MURRAY BS Assoc Prof Home Econ Ext 123H B SPRAGUE PhD Head of Dept 12D E BAKER PhD Asst Prof Soil Technol
13J E BAYLOR PhD Assoc Prof Agron Ext 12S E NORTHSEN BA Asst Photog 13G H BERGGREN BS Assoc Prof Agron Ext 13E B TAIT MS Assoc Prof Ext Inform 12H A BRADY MS Instr Soil Technol 13C S BRYNER PhD Assoc Prof Agron Ext 12G A Van HORN MA Assoc Prof Agr Journalism 12R W CLEVELAND PhD Assoc Prof Agron Dairy Science 8770 12W F CRAIG MS Instr Agron
12J M DUICH PhD Assoc Prof Agron
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12C F ENGLE MS Instr Soil Technol 123D V JOSEPHSON PhD Head of Dept 13D L ACE MS Assoc Prof Dairy Sci Ext 13R S ADAMS PhD Assoc Prof Dairy Sci Ext 12J O ALMQUIST PhD Prof Dairy Physiol 25H B ENGLE MS Asst Prof Agron (PO Landisville) 12R P AMANN PhD Asst Prof Dairy Physiol 12B R FLEMING MS Instr Agron
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12C A BECKER PhD Prof Agr Bus Mgt
13R J BECKER PhD Assoc Prof Farm Mgt Ext
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134A D VOOL DO HISH AGI LCON LAT (FO WILKES -D	arre)	13L G JINKS MS Asst Prof Agr Ext and Chmn Ext
Education (Agr)	8790	Youth Prog
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13B S HORNE MS Assoc Prof Agr Engin Ext		Asst State Home Econ Leader
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12B F COON PhD Actg Head of Dept	0010	123P W FLETCHER PhD Dir of Sch of For
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13HENRY MENUSAN Jr PhD Prof Ent Ext		124M K GODDARD MS Prof For
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124C W RUTSCHKY PhD Assoc Prof Ent		12R J HUTNIK MF Asst Prof For
12THOMAS SMYTH Jr PhD Asst Prof Ent		12R E MILTON MF Assoc Prof For
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13E J UDINE Asst Ent Ext		12JOHN MUENCH Jr MF Asst Prof For
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Extension	8820	12R D SHIPMAN PhD Assoc Prof For
13H K ANDERS MS Asst Dir and Prof Agr Ext		12W E SOPPER PhD Asst Prof For
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13M R DEPPEN BS Asst Dir and Asst Prof Agr Ext		
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Forestry, School of-Continued

12W K MURPHEY PhD Asst Prof Wood Util 12O A SCHMIDT MF Assoc Prof For 12GEORGE TSOUMIS DF Asst Prof Wood Technol 12W E WHITE PhD Prof Wood Technol and Asst Dir of Sch of For

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Home Economics (Col of)-Continued

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1LAVERN V HENDERSON BS Asst Prof Home-Community Relat

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Horticulture-Continued

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12J S BOYLE PhD Assoc Prof Plant Path

13HERBERT COLE Jr PhD Assoc Prof Plant Path

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9070

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9710

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9720

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3J W HOUSTON MS Asst Anim Husb Beef and Swine	2E W McCOY MS Asst in Agr Econ
2H M JAMISON MS Asst in Anim Husb Beef Cattle Brdg 12E R LIDVALL MS Assoc Prof Swine	2J WMcLEARY MS Asst in Agr Econ Mktg 12J A MARTIN PhD Prof Land Tenure and Policy
2J B McLAREN BS Asst Prof (PO Grand Junction)	12S P PARRY PhD Asst Prof Dairy Mktg and Prices
Beef Cattle and Swine	12W P RANNEY PhD Prof Farm Mgt
12G CMAYS BS Asst in Anim Husb Meats	2B D RASKOPF MS Assoc Prof Poultry and Cotton
123GM MERRIMAN DVM Prof and Vet	Mktg
12R L MURPHREE PhD Prof Reproduction	2R M RAY MS Asst Prof Farm Mgt and Prod Econ
3F C POWELL MS Asst Anim Husb (PO Nashville)	2J K ROBERTSON BS Asst in Agr Econ Mktg
2C B RAMSEY PhD Asst Prof Meats	2H B STRAWN BS Asst in Agr Econ Mktg
3N W ROBINSON PhD Assoc Anim Husb Nutr	
2J D SMALLING PhD Asst Prof Physiol	Education (Agr) 9770
12H J SMITH PhD Prof Sheep and Swine Brdg 5R S TEMPLE PhD Prof Beef Cattle Brdg	1EC MERRILL Jr EdD Dean Col of Educ 1G W WIEGERS Jr EdD Prof and Head of Dept
3WP TYRRELL MS Anim Husb and Leader Beef Cattle	10 P LEGG EdD Asst Prof
2J N WILLIAMS II MS Asst in Anim Husb Nutr	1A J PAULUS PhD Prof
2BB WILSON Jr BS Asst in Anim Husb Nutr	
2GR WILSON BS Asst in Anim Husb Nutr	Engineering (Agr) 9780
	12J J McDOW PhD Prof and Head of Dept
Dairy 9750	12DO BAXTER MS Asst Prof Form Structures
12J T MILES PhD Prof and Head of Dept	12E K BOYCE MS Assoc Prof Power and Mach
5H D BAXTER MS Asst Prof Dairy Husb (PO Lewisburg)	3K E DeBUSK BS Asst Agr Engin Rural Elec 3M H FALKNER BA Assoc Agr Engin Arch
2B J BEARDEN MS Asst Prof Dairy Husb (PO Spring	12Z A HENRY PhD Asst Prof Cotton Fiber Properties
Hill)	3J M JOHNSON MS Agr Engin and Leader Farmstead
1H N CARRINGER MS Assoc Prof Dairy Technol	Efficiency
3C K CHAPPELL BS Dairy Husb and Leader	2AL KENNEDY MS Asst Prof Soil and Water
2J A COLLINS BS Asst in Dairy Husb	24DH LUTTRELL MS Asst Prof Power and Mach
3LYNN COPELAND MS Assoc Dairy Husb (PO	2AH MORGAN BSME * Assoc Prof Food Mach
Nashville) 12R G CRAGLE PhD Assoc Prof Nutr	2J I SEWELL PhD Asst Prof Soil and Water
12E W CULVAHOUSE Jr MS Asst Prof Dairy Husb	12C H SHELTON MS Asst Prof Soil and Water
(PO Mortin)	5R B STONE BSEE Assoc Prof Elec Power and Proc 3A J SWEARINGEN MS Assoc Agr Engin Farm Mach
12B J DeMOTT PhD Assoc Prof Dairy Chem	5J C WEBB BS Asst Prof Elec Power and Proc
2A W GIBBS BS Asst in Dairy Husb	200 Tonet did 1 100
TT B HARRISON MS Prof Dairy Technol	Entomology 9790
12S A HINTON MS Assoc Prof Dairy Husb	2S E BENNETT PhD Asst Prof Forage Insects
12R H LUSH MS Prof Dairy Husb	3R P MULLETT MS Ent and Plant Path
2G G MARTIN BS Asst in Dairy Husb	2W G RUSSELL BS Asst in Ent
3W M MILLER PhD Asst Dairy Husb Nutr 12W W OVERCAST PhD Prof Dairy Bact	2W W STANLEY MS Prof Ornam 23C A THOMAS Jr MS Asst Prof and Asst Ent Cotton
2F E PARDUE MS Asst in Dairy Husb	
3V D PARSONS BS Asst Dairy Husb DHIA	
	Insects
	Insects
5 LANTIS RATCLIFF PhD Assoc Prof Dairy Husb (PO Lewisburg)	
5LANTIS RATCLIFF PhD Assoc Prof Dairy Husb (PO Lewisburg) 12D O RICHARDSON PhD Asst Prof Dairy Brdg	Insects Extension Administration
5LANTIS RATCLIFF PhD Assoc Prof Dairy Husb (PO Lewisburg) 12D O RICHARDSON PhD Asst Prof Dairy Brdg 2J D SKEAN MS Asst in Dairy Husb Dairy Bact	Insects Extension Administration 3V W DARTER DPA Dir 3WD BISHOP PhD Asst Dir 3DM THORPE DPA Asst Dir
5LANTIS RATCLIFF PhD Assoc Prof Dairy Husb (PO Lewisburg) 12D O RICHARDSON PhD Asst Prof Dairy Brdg 2J D SKEAN MS Asst in Dairy Husb Dairy Bact 3T R SPANN MS Asst Dairy Husb (PO Jackson)	Insects Extension Administration 3V W DARTER DPA Dir 3WD BISHOP PhD Asst Dir 3DM THORPE DPA Asst Dir 3MARY N ALEXANDER BS Dist Supvr Home Econ
5LANTIS RATCLIFF PhD Assoc Prof Dairy Husb (PO Lewisburg) 12D O RICHARDSON PhD Asst Prof Dairy Brdg 2J D SKEAN MS Asst in Dairy Husb Dairy Bact	Insects Extension Administration 3V W DARTER DPA Dir 3W D BISHOP PhD Asst Dir 3DM THORPE DPA Asst Dir 3MARY N ALEXANDER BS Dist Supvr Home Econ Prog (PO Cookeville)
5LANTIS RATCLIFF PhD Assoc Prof Dairy Husb (PO Lewisburg) 12D O RICHARDSON PhD Asst Prof Dairy Brdg 2J D SKEAN MS Asst in Dairy Husb Dairy Bact 3T R SPANN MS Asst Dairy Husb (PO Jackson) 12E W SWANSON PhD Prof Nutr	Insects Extension Administration 3V W DARTER DPA Dir 3WD BISHOP PhD Asst Dir 3DM THORPE DPA Asst Dir 3MARY N ALEXANDER BS Dist Supvr Home Econ Prog (PO Cookeville) 3VIRGINIA BOSWELL MS State Leader Home Econ
5LANTIS RATCLIFF PhD Assoc Prof Dairy Husb (PO Lewisburg) 12D O RICHARDSON PhD Asst Prof Dairy Brdg 2J D SKEAN MS Asst in Dairy Husb Dairy Bact 3T R SPANN MS Asst Dairy Husb (PO Jackson) 12E W SWANSON PhD Prof Nutr Economics (Agr) and Sociology (Rural) 9760	Insects Extension Administration 3V W DARTER DPA Dir 3WD BISHOP PhD Asst Dir 3DM THORPE DPA Asst Dir 3MARY N ALEXANDER BS Dist Supvr Home Econ Prog (PO Cookeville) 3VIRGINIA BOSWELL MS State Leader Home Econ 3J B BROWER Jr BS Dist Supvr Agr Prog
5LANTIS RATCLIFF PhD Assoc Prof Dairy Husb (PO Lewisburg) 12D O RICHARDSON PhD Asst Prof Dairy Brdg 2J D SKEAN MS Asst in Dairy Husb Dairy Bact 3T R SPANN MS Asst Dairy Husb (PO Jackson) 12E W SWANSON PhD Prof Nutr Economics (Agr) and Sociology (Rural) 12T J WHATLEY PhD Prof and Head of Dept	Insects Extension Administration 3V W DARTER DPA Dir 3WD BISHOP PhD Asst Dir 3DM THORPE DPA Asst Dir 3MARY N ALEXANDER BS Dist Supvr Home Econ Prog (PO Cookeville) 3VIRGINIA BOSWELL MS State Leader Home Econ 3J B BROWER Jr BS Dist Supvr Agr Prog 3AC CLARK MS Dist Supvr Mat (PO Cookeville)
5LANTIS RATCLIFF PhD Assoc Prof Dairy Husb (PO Lewisburg) 12D O RICHARDSON PhD Asst Prof Dairy Brdg 2J D SKEAN MS Asst in Dairy Husb Dairy Bact 3T R SPANN MS Asst Dairy Husb (PO Jackson) 12E W SWANSON PhD Prof Nutr Economics (Agr) and Sociology (Rural) 12T J WHATLEY PhD Prof and Head of Dept 124M B BADENHOP PhD Prof	Insects Extension Administration 3V W DARTER DPA Dir 3W D BISHOP PhD Asst Dir 3DM THORPE DPA Asst Dir 3MARY N ALEXANDER BS Dist Supvr Home Econ Prog (PO Cookeville) 3VIRGINIA BOSWELL MS State Leader Home Econ 3J B BROWER Jr BS Dist Supvr Agr Prog 3AC CLARK MS Dist Supvr Mgr (PO Cookeville) 3O E HODGES MS Dist Supvr Mgr Prog (PO Nashville)
5LANTIS RATCLIFF PhD Assoc Prof Dairy Husb (PO Lewisburg) 12D O RICHARDSON PhD Asst Prof Dairy Brdg 2J D SKEAN MS Asst in Dairy Husb Dairy Bact 3T R SPANN MS Asst Dairy Husb (PO Jackson) 12E W SWANSON PhD Prof Nutr Economics (Agr) and Sociology (Rural) 12T J WHATLEY PhD Prof and Head of Dept	Insects Extension Administration 3V W DARTER DPA Dir 3WD BISHOP PhD Asst Dir 3DM THORPE DPA Asst Dir 3MARY N ALEXANDER BS Dist Supvr Home Econ Prog (PO Cookeville) 3VIRGINIA BOSWELL MS State Leader Home Econ 3J B BROWER Jr BS Dist Supvr Agr Prog 3AC CLARK MS Dist Supvr Mat (PO Cookeville)

9740

Jackson)

12C L CLELAND PhD Assoc Prof Rural Sociol

Extension Administration-Continued

30 C SHELBY MS Dist Supvr Agr Prog (PO Jackson)
3H T SHORT BS Dist Supvr Mgt (PO Jackson) 3MARY STANFILL BS Dist Supvr Home Econ Prog (PO Chattanooga)

3EH SWINGLE BS Dist Supvr Agr Prog (PO Chattanooga)

3ALTA F THOMAS MS Dist Supvr Home Econ Prog 3 MARGARET A USSERY MS Dist Supvr Home Econ Prog (PO Nashville)

3ESTELLE VINES BS Dist Supvr Home Econ Prog (PO Jackson)

3BESSIE L WALTON BS Asst State Agt in Negro Home Demon Work (PO Nashville)

3W H WILLIAMSON BS Asst State Agt in Negro County Agt Work (PO Nashville)

Extension Training and Studies

13L H DICKSON EdD Prof and Spec Training and

Studies and Leader

13R S DOTSON PhD Assoc Spec Training and Studies 13CLAIRE E GILBERT EdD Spec Training and Studies

Food Technology

9810 12M R JOHNSTON PhD Prof and Head of Dept 2SANDRA L ARNOLD BS Asst in Food Tech Food Bact

12G D GERNON Jr PhD Assoc Prof Food Chem 2I E McCARTY MS Asst Prof Food Quality
12J O MUNDT PhD Prof Food Bact

Forestry-See Horticulture

4-H Club

98 20

9800

3G S FOSTER EdD 4-H Club Spec and Leader 3E B JENKINS MS Assoc 4-H Club Spec

3F W COLBY BS Assoc 4-H Club Spec (PO Chattanooga) 3MARIFLOYD HAMIL BS Asst 4-H Club Spec

Home Economics

9830

1LURAM ODLAND PhD Dean of Col ICHRISTINE BEASLEY EdD Prof Child Devlpmt and Fam Relat

1ELLEN J BIGGS MS Actg Head of Nutr Dept 12MYRA L BISHOP PhD Head of Home Mgt and Fam Econ

IILENE BROWN PhD Prof Home Econ Educ 1HELEN BUCHANAN EdD Assoc Prof Child Devlpmt and Fam Relat

IRUTH BUCKLEY MA Head of Foods and Inst Mgt Dept 12ADA M CAMPBELL PhD Assoc Prof Foods and Inst Mgt Nutr

1Mrs MARY P CHARLTON MA Assoc Prof Relat Art and Crafts

1MARTHA ANN CHILDRESS MS Admin Asst 3MARGARET L CLEM BS Relat Art and Crafts Spec ILOIS E DICKEY MS Assoc Prof Textiles and Clothing 1CORA B DUNCAN MS Assoc Prof Nutr 2JOAN CLAIRE ERWIN BS Asst in Foods Nutr 3MILDRED L FARMER MS Home Mgt Spec
1LORNA J GASSETT PhD Prof Home Mgt
13CLAIRE E GILBERT EdD Head Home Demon Methods

1Mrs BARBARA GRIFFIN MS Actg Asst Prof Relat Art and Crafts

1MARIAN G HEARD MA Prof Relat Art and Crafts 12RUTH L HIGHBERGER PhD Head of Child Devlpmt and Fam Relat Dept

12PHYLLIS ILETT MBA Prof Home Mgt and Fam Econ 12BETTY JEFFREY MS Asst Prof Child Devlpmt and Fam Relat

IWINONA KOCH MS Asst Prof Textiles and Clothing INELL P LOGAN EdD Head Home Econ Educ Dept
3INEZ LOVELACE MS Housing-Home Furnishings Spec 1DOROTHY E LYON MS Assoc Prof Foods and Inst Mgt 1MARILYN McCAMMON MS Instr Foods and Inst Mgt 1MARY M McCLANAHAN MS Asst Prof Foods and Inst Mgt and Dietitian

NJANICE J MACLIN MS Instr Textiles and Clothing

Home Economics-Continued

1LYLE M MAMER MS Assoc Prof Home Mat and House-

1MARY L MARSHALL MS Asst Prof Foods and Inst Mgt 2ROSSIE L MASON MS Asst Prof Nutr

12BERNADINE H MEYER PhD Prof Foods and Inst Mat

2ELISE MORRELL MS Asst Prof Nutr

2MARY A MYSINGER MS Asst Prof Foods Nutr

3NAZZA NOBLE MS Nutr 1NILA NOSSER MS Instr Child Devlpmt and Fam Relat 1Mrs ANNA O'CONNOR BS RN Asst Prof Home Mgt

1BEVERLY OWEN MS Asst Prof Relat Arts and Crafts 3GENEVA D POTTER MS Asst Clothing Spec

3HELEN L RADER MS Clothing Spec

2Mrs HELEN M REED MS Asst Prof Home Mgt IJANE R SAVAGE PhD Asst Prof Nutr and Biochem 12FRANCES A SCHOFIELD PhD Prof Nutr and Biochem

12J T SMITH PhD Assoc Prof Nutr and Biochem

12NANCY SQUIRES BS Instr Textiles and Clothing 14HELEN STARCK MS Assoc Prof Home Econ

IVIRGINIA STEELE MS Instr Child Devlpmt and Fam

12Mrs ANNA J TREECE PhD Head Textiles and Clothing

1SYLVIA TYREE BS Instr Textiles and Clothing 1JANET WILSON MS Instr Child Devlpmt

9840

Horticulture and Forestry
12B S PICKETT PhD Prof and Head of Dept
12J S ALEXANDER MS Asst Prof Ornam

2K M BATAL BS Asst in Hort Veg

2J T BEAVERS BS Asst Prof For (PO Grand Junction)

3J J BIRD BS Assoc Hort Veg 2J F BROWN BS Asst in Hort Veg

12E R BUCKNER MF Asst Prof For

3E R CADY MS Asst Prof and Asst For 2G M CAMPBELL PhD Asst Prof Physiol

3J C CLARK BS Asst Hort Veg (PO Jackson)

2T R GILMORE BS Assoc Prof Pomol (PO Crossville) 2P J HUFFMAN Jr BS Asst Prof For (PO Tullahoma)

1TH JONES MS Prof Pomol
2J S KRING MS Assoc Prof For (PO Harriman)
2J E LOVE PhD Asst Prof Physiol

2R D MacDONALD BS Asst in For

2W E ROEVER PhD Assoc Prof Brdg

3J B SHARP Jr DPA For and Leader

2J A STALEY Asst in Hort Ornam 12H D SWINGLE MS Assoc Prof Veg 1R B THOMPSON MS Asst Prof Ornam 2EYVIND THOR PhD Asst Prof For

2HENDRIK van de WERKEN MVV Asst Prof Ornam

3J G WARMBROD BS Asst For (PO Jackson)
3D B WILLIAMS PhD Hort and Leader Pomol

9850

234R L HAMILTON MS Ed and Head of Dept 123Mrs BETTY K ADAMS BS Agr Libr

2FE BERGGREN BS Asst Ed Expt Sta Pub

234L L KRUG MS Asst Ed News Radio

3A B LEMERT MS Asst Ed Ext Pub 23R C McDADE BS Assoc Ed Vis Aids

3JUDITH A PROCHNOW BS Asst Ed Home Econ News 4-H Gen News

23S F SWEET MA Assoc Ed News and Radio Supervision and Training

Physics

Yarn

Information

9860

12K L HERTEL PhD Prof Fiber Properties
2K E DUCKETT MS Asst in Phys Fiber Properties

SP R EWALD BS Assoc Prof Cotton Fiber and Yam 2Z A HENRY PhD Asst Prof Fiber Properties 2R S KROWICKI MS Asst in Phys Fiber Properties 5C B LANDSTREET BS Asst Prof Cotton Fiber and

5REBA LAWSON BS Asst in Phys Fiber Properties

Plant Pathology	9870	Miscellaneous 9	910
2J O ANDES PhD Prof and Head of Dept		123E G FRIZZELL Mgr Gen Serv	
2A Y CHAMBERS MS Asst Prof Cotton Dis (PO		123W H JONES BS Acct	
Jackson)		Main Station	
5J M EPPS MS Assoc Prof Nematol (PO Jackson)		2J N ODOM MS Supt	
2E L FELIX BS Asst Prof Veg Dis		2T W HOLDER BS Mgr Anim Husb Unit	
2L F JOHNSON PhD Assoc Prof Soil Microbiol		2C R HOLMES BS Mgr Dairy Unit	
2D H LATHAM MA Assoc Prof Tobacco Dis (PO		2G CMcGHEE BS Mgr Poultry Unit	
Springfield)			
2H E REED PhD Assoc Prof Nematol		Branch Stations	9920
		Dairy Expt Sta PO Lewisburg	
Poultry	9880	25J R OWEN MS Supt	
120 E GOFF PhD Prof and Head of Dept		Highland Rim Expt Sta PO Springfield	
12J K BLETNER PhD Assoc Prof Nutr		2L M SAFLEY BS Supt	
2EMILY A DAVIS BS Asst in Poultry Nutr		Middle Tenn Expt Sta PO Spring Hill	
2C R DOUGLAS MS Asst in Poultry Nutr		2E J CHAPMAN MS Supt	
3W O SEWELL BS Asst Poultryman		Plateau Expt Sta PO Crossville	
12H V SHIRLEY Jr PhD Assoc Prof Physiol and G	enet	2J A ODOM BS Supt	
23R D SIMPSON BS Asst in Poultry Physiol		2E L BOHANON BS Asst Supt	
12R L TUGWELL PhD Prof Path		Tobacco Expt Sta PO Greeneville	
3J B WARD PhD Poultryman and Leader Nutr		25J H FELTS BS Supt	
		West Tenn Expt Sta PO Jackson	
		2BP HAZLEWOOD MS Supt	
Resource Development	9890	*DI INZELWOOD ND Dupt	
3L J STRICKLAND MS Resource Devlpmt Spec and	d	Heimster of Trees (M. cl. D. 12 Martin	
Leader		University of Tennessee (Martin Branch), Martin	
3J W BRIMM MS Assoc Resource Devlpmt Spec Con	m-	(Under same administration as Univ of Tenn, Knoxville)	
munity		Department of Austrulture	220
3R D FREELAND MS Asst Resource Devlpmt Spec	RAD		930
3G W TURNER MS Asst Resource Devipmt Spec		1J E McMAHAN MS Head of Curriculum of Agr (Prof	
		Hort)	
Rural Defense		12E W COUNCE MS Asst Prof (Agron)	
3JESSE E FRANCIS BS Asst Rural Defense Spec		12E W CULVAHOUSE Jr MS Asst Prof (Dairy Husb)	
•		1EM KNEPP MS Prof (Agr Engin)	
		IL E LARSEN BS Instr (Agr Engin)	
UT-AEC Agricultural Research Laboratory	9900	IC SMURPHEY MS Instr (Agr Econ)	
(1299 Bethel Valley Road, Oak Ridge)		IP B STARKS PhD Assoc Prof (Anim Husb)	
2J A EWING DPA Proj Leader		1F D WILLIAMS MS Instr (Hort)	
2N S HALL PhD Lab Dir		December of Horac Economics	
2*C G ANDERSON DVM Asst Prof Clin Med			740
2DL ANDERSON PhD Visiting Assoc Prof Poultry	Nutr	1MARY R ARMSTRONG MS Head of Dept (Prof Foods	3
2M C BELL PhD Assoc Prof Anim Nutr		and Nutr)	
2J M BIRD MS Supt		IVERA E BURNETTE MS Asst Prof (Home Mgt)	
2DG BROWN DVM Prof Clin Med		1Mrs FAIRY N DODD BS Instr (Nursery School)	
2J CHIRIBOGA MD Assoc Prof Biochem		IMARY I FLOWERS MS Prof (Foods and Inst Mgt)	
2M J CONSTATIN PhD Assoc Prof Plant Genet		1Mrs DORIS F LATTA BS Instr (Inst Mgt) and Dietitic	an
12R G CRAGLE PhD Assoc Prof Dairy Nutr		1BARBARA W NORMAN MS Asst Prof (Child Devlpmt	t)
2B H ERICKSON PhD Asst Prof Embryol		IVIRGINIA A POPE MS Asst Prof (Textiles and	
2R G GAST PhD Assoc Prof Soil Chem		Clothing)	
2S M HANSEN BS Asst in Dairy Nutr		1AALTJE J van DENBURG MS Assoc Prof (Relat Art	t)
2W L HARRIS BS Asst in Anim Husb Reproduction			
2F G HEMBRY BS Asst in Anim Husb Nutr		School of Agriculture and Home Economics of	
2D F JOHNSON DVM MS Prof Path		Tennessee Agricultural and Industrial State University,	
2J J KNAPKA MS Asst in Anim Husb Nutr		Nashville 8	
2B T LADD BS Asst in Anim Husb Reproduction		-0.11	
2J E LOVE PhD Asst Prof Plant Physiol		1College Staff 3Extension Staff 4Leave of Absence	ce
2R S LOWREY Jr PhD Asst Prof Swine Nutr			
2AO LUNDEN PhD Asst Prof Plant Genet		W C DA VIC DID D 10 (1)	50
2A F McFEE PhD Asst Prof Reproduction		IWS DAVIS PhD Pres and Prof Agr	
2W G MAGRANE DVM MS Consult Ophthalmology		IW N JACKSON PhD Dean of Faculty	
2J K MILLER PhD Asst Prof Dairy Nutr		IM F SPAULDING PhD Dean of Sch of Agr and Home	
2R J MONROE PhD Consult Statis		Econ (Tel AL 4-8118)	
2F R MRAZ PhD Assoc Prof Poultry Nutr		13W A FLOWERS MS Dir of Ext Ser (Tel CH 2-1170)	
2RH MULLENAX BS Asst in Agron Plant Genet		1Mrs MATTYE C FLOWERS MS Head of Dept of Home	9
12R L MURPHREE PhD Prof Reproduction		Econ	
2T S OSBORNE PhD Assoc Prof Plant Genet		A Is	
2W C PATRICK Asst to Lab Dir		Agriculture 99	60
2J C PEKAS PhD Asst Prof Swine Nutr		130 L ADAMS PhD Assoc Prof Poultry Sci and Ext	
2SC PERRY MS Asst in Dairy Nutr		1H W CARTER PhD Prof Plant Sci	
2R A REYNOLDS MS Asst Prof Reproduction		1R H DERDEN MS Instr Agr Engin	
2C E SHORT DVM Asst Prof Lab Vet		1D A HAMILTON EdD Prof Agr Educ	
2J SOUTO MD Prof Physiol		4H M JONES MS Asst Prof Agr Engin	
2P R WELCH BS Asst in Anim Husb Reproduction		13NEAL McALPIN MS Asst Prof Plant Sci and Ext	
2P L WRIGHT PhD Asst Prof Poultry Nutr		1ROLAND NORMAN PhD Prof and Head of Dept of	
2M H WYKOFF DVM Assoc Prof Clin Med		Anim Sci	
*On assignment from Veterinary Corps US Air F	Force	13W E OFFICER MS Asst Prof Anim Sci and Ext	
		1R G SEALS PhD Assoc Prof Anim Sci	

Agriculture-Continued

1F D SMITH DVM Prof Anim Sci

1H L TAYLOR PhD Prof and Head of Dept of Agr Educ and Econ

1E J THORNTON MS Prof Poultry Sci

1F E WESTBROOK PhD Assoc Prof and Head of Dept of Plant Sci

13HOMER WHEATON MS Asst Prof Anim Sci and Ext 1T R WOOD MS Asst Prof Dairy Sci

Home Economics

9970

1CHRISTINE ALEXANDER MS Itinerant Teacher Trainer in Vocat Home Econ Educ

M A ANDERSON MA Child Devlpmt

1Mrs AUGUSTINE'S DARTIS MS Assoc Prof Foods

1Mrs GERALDINE B FORT MA Assoc Prof Clothing and Textiles

1Mrs LUTHER B FRANKLIN MS Asst Prof Foods and Nutr

IMrs MARY H GREER MS Asst Prof Home Econ Educ IRUTH A McDOWELL MEd Asst Prof Child Devlpmt 1Mrs CATHERINE B McKINNEY MS Asst Prof Clothing and Textiles

1MIRIAM McTEER PhD Prof Foods and Nutr 4LILLIE B REDMOND MS Asst Prof Home Mgt

1Mrs MARYLOUISE RITTER MS Asst Prof Home Furnishings

1Mrs MIRIAM G TOWNS MS Asst Prof Foods and Nutr

TEXAS

Texas A&M University, the Agricultural Experiment Station, the Agricultural Extension Service, the Forest Service, and Prairie View A and M College of the Texas A&M University System, College Station

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Forest Service Staff

9990

10000

123M T HARRINGTON PhD Chanc of Syst 123W C FREEMAN CPA BS Vice Chanc for Fiscal Affairs 123J E RUDDER BS Pres of Texas A&M Univ and Dir

of Sta 123R E PATTERSON PhD Dean of Agr (Tel VI 6-4781) 3.J E HUTCHISON MS Dir of Agr Ext Serv (Tel VI

6-87411

6A D FOLWEILER PhD Dir of For Serv

16 M WATKINS PhD Dir of Agr Instr (Tel VI 6-5746)
123A A PRICE DVM MS Dean of Col of Vet Med and Asst Dir of Sta

2H O KUNKEL PhD Assoc Dir of Sta 2V E SCHEMBER MS Asst Dir of Sta 123E M TREW MS Asst Dean of Col of Agr 123R L ANDERSON MBA Comptroller of Syst

Agricultural Analytical Service

2L R RICHARDSON PhD Prof and Head

12P F PARKS PhD Asst Prof 2J D PRICE PhD Asst Prof 2E E BROWN MS Res Sci

Agricultural Economics and Sociology

123T R TIMM DPA Prof and Head of Dept 3T D AARON Jr MS Grain Mktg Spec

25W G ADKINS MS Agr Econ

1C G ANDERSON MS Farm Mgmt Spec

3C H BATES MS Ext Farm Mgmt Spec 3C K BAKER MS Econ Farm Mgmt 1L M BECK MS Asst Prof

5C C BOYKIN Jr MS Agr Econ 12R E BRANSON PhD Prof

3R V BROWN MS Ext Rural Sociol

3L L BURLESON MS Organ Spec

Agricultural Economics and Sociology-Continued

3A D L BYRD MS Area Farm Mgmt Spec 12JOHN R CHRISTIANSEN PhD Assoc Prof

25BOB DAVIS MS Agr Econ 1D R DAVIS MS Assoc Prof

12V W EDMONDSON PhD Assoc Prof 12DON FARRIS PhD Assoc Prof

12MARCUS L FOWLER PhD Assoc Prof 12S K FITZGERALD PhD Assoc Prof

12J W GRAVES MS Asst Prof

5ROY E HATCH MS Agr Econ

25W F HUGHES BS Agr Econ 3S L JENKINS MS Milk Mktg Spec

3REX P KENNEDY MS Econ in Mgmt

2J A KINCANNON PhD Assoc Prof

3J E KIRBY BS Ext Econ Mktg Policy 2ALBERT KRIENKE MS Asst Prof

3J G McHANEY MS Ext Econ 12J G McNEELY PhD Prof

12A C MAGEE MS Prof 12D S MOORE PhD Assoc Prof

12B H NELSON PhD Prof

3L S PAINE MS Resource Devlpmt Spec

3C A PARKER MS Farm Mgmt Spec
3G R POWELL MS Ext Fruit and Veg Mktg Spec
3T E PRATER MS Ext Farm Mgmt
25R H ROGERS MS Agr Econ

1DANIEL RUSSELL MS Prof

12IVAN W SCHMEDEMANN MS Asst Prof

12C E SHAFER PhD Asst Prof

2JOHN L SHIPLEY MS Asst Prof

12H L SKRABANEK PhD Prof 2H E SMITH MS Jr Econ 12H B SORENSEN PhD Assoc Prof

12RANDALL STELLY PhD Assoc Prof

2B H STONE MS Jr Econ 12K R TEFERTILLER PhD Asst Prof

3ED UVACEK MS Ext Livestock Mktg Spec 3G F VAUGHN MS Resource Devlpmt Spec (Rural &

Urban Relat)

12J M WARD MS Asst Prof 3K WOLF MS Ext Econ (Agribusiness)

12A B WOOTEN PhD Assoc Prof

Agricultural Education

1E H KNEBEL EdD Prof and Head of Dept

3B D COOK PhD 1J W HOLCOMB MEd Assoc Prof

10 M HOLT EdD Assoc Prof 1BILLY IRICK ME Asst Prof

1R C JASKA MS Assoc Prof

1HENRY ROSS MS Prof

1E S WEBB EdD Assoc Prof

10020 Agricultural Engineering

123PRICE HOBGOOD MS Prof and Head of Dept

12W H ALDRED MS Asst Prof

3W S ALLEN BS Ext Agr Engin (Bldgs)

1J R BARTON BS Agr Engin (Agr Ed Spec) IK R BEERWINKLE BS Instr

2B J COCHRAN MS Instr 1C B EDWARDS BS Asst Prof (Ag Ed Spec)

25A W HARTSTACK MS Agr Engin

12L J GLASS BS Instr

25J P HOLLINGSWORTH MS Agr Engin

12R C JASKA MS Asst Prof 3C W KEESE MS Ext Agr Engin (Irrig)

124OTTO R KUNZE MS Assoc Prof

12W E McCUNE MS Prof 12R J McGINTY MS Instr 3H P O'NEAL BS Ext Agr Engin (Farm Power and Mach)

2N K PERSON Jr MS Asst Prof

3B G REEVES BS Ext Agr Engin (Gin)

25H W SCHROEDER PhD Agr Engin

12E T SMERDON PhD Prof

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12F R BRISON MS Prof 2META S BROWN PhD Prof 12E E BURNS PhD Assoc Prof 12L E CLARK BS Instr 23L C COFFEY PhD Prof and Agron 2J W COLLIER PhD Assoc Agron 12A F DeWERTH MS Prof 35F C ELLIOTT MS Cotton Spec 2M H FERGUSON PhD US Golf Assoc 3J J FRANKLIN MS Land Hort Spec 12MACK C FUGUA MS Asst Prof 12C L GODFREY PhD Assoc Prof 12FFIN T GRAHAM PhD Asst Prof 14F HAMPTON PhD Prof 2B G HANCOCK MS Ext Hort 2B W HIPP BS Instr 2E C HOLT PhD Prof 25M L KINMAN PhD Agron in Chg of Oilseed Inves 25R J KOHEL PhD Genet 12G W KUNZE PhD Prof 3J E LARSEN PhD Hort 1T E MCAFEE PhD Prof 34G G McBEE MS Pasture Spec 50 G MERKLE PhD Res Agron 3R J MIEARS MS Agron 1J F MILLS MS Asst Prof 5GEORGE F NEWBERRY BS Admin Asst 2G A NILES PhD Asst Prof 3A C NOVOSAD MS Pasture Spec 25HARVEY OAKES BS Senior Soil Correlator 2D R PATTERSON PhD Asst Prof 1R C POTTS PhD Prof and Asst Dir of Agr Instr 2H E REA BS Assoc Prof 2ST R RICHMOND PhD Agron in Chg of Cotton Inve 2ST R RICHMOND PhD Agron in Chg of Cotton Inve 2ST R RICHMOND PhD Agron in Chg of Cotton Inve 2ST R RICHMOND PhD Agron in Chg of Cotton Inve 2ST R RICHMOND PhD Agron in Chg of Cotton Inve 2ST R RICHMOND PhD Agron in Chg of Cotton Inve 2ST R RICHMOND PhD Agron in Chg of Cotton Inve 2ST R RICHMOND PhD Agron in Chg of Cotton Inve 2ST R RICHMOND PhD Agron in Chg of Cotton Inve		1R S TITUS DVM Asst Prof 1M F YOUNG DVM Asst Prof 12C C GRUMBLES DVM MS Assoc Prof 2T E FRANKLIN DVM MS Assoc Prof 12C F HALL DVM MS Assoc Prof 12C F HALL DVM MS Asst Prof 1P F JUNGERMAN DVM MS Prof 2C W LIVINGSTON DVM MS Prof 2C W LIVINGSTON DVM MS Asst Prof 2C W EINECKE DVM MS Asst Prof 2R W MOORE DVM MS Asst Prof 1R D TURK DVM MS Asst Prof 12T J GALVIN DVM Asst Prof 12T J GALVIN DVM Asst Prof 12T J GALVIN DVM Asst Prof 12T J SMITH DVM MS Asst Prof 12J B HENSON DVM MS Assoc Prof 1W F MESTANZA DVM MS Assoc Prof 1W F MESTANZA DVM MS Assoc Prof 1R M ROBINSON DVM Instr 1D O N TAYLOR DVM PhD Assoc Prof Veterinary Physiology and Pharmacology 1P W BURNS DVM BS Prof and Head of Dept 1R H DAVIS DVM MS Assoc Prof 1S E GLASS DVM Asst Prof 1J D McCRADY DVM BS Asst Prof 1M SZABUNIEWICZ DVM DVSC Asst Prof	10240
12F R BRISON MS Prof 2META S BROWN PhD Prof 12E BURNS PhD Assoc Prof 12L E CLARK BS Instr 23L C COFFEY PhD Prof and Agron 2J W COLLIER PhD Assoc Agron 12A F DeWERTH MS Prof 35F C ELLIOTT MS Cotton Spec 2M H FERGUSON PhD US Golf Assoc 3J J FRANKLIN MS Land Hort Spec 12MACK C FUGUA MS Asst Prof 12C L GODFREY PhD Assoc Prof 12FFIN T GRAHAM PhD Asst Prof 14E HAMPTON PhD Prof 3B G HANCOCK MS Ext Hort 2B W HIPP BS Instr 2E C HOLT PhD Prof 25M L KINMAN PhD Agron in Chg of Oilseed Inves 25R J KOHEL PhD Genet 12G W KUNZE PhD Prof 3J E LARSEN PhD Hort 1T E MCAFEE PhD Prof 34G G McBEE MS Pasture Spec 50 G MERKLE PhD Res Agron 1J F MILLS MS Asst Prof 5GEORGE F NEWBERRY BS Admin Asst 2G A NILES PhD Asst Prof 3A C NOVOSAD MS Pasture Spec 25HARVEY OAKES BS Senior Soil Correlator 2D R PATTERSON PhD Asst Drof 1R C POTTS PhD Prof and Asst Dir of Agr Instr 2H E REA BS Assoc Prof 25G W RIVERS PhD Res Agron in Chg of Cotton Inve 25G W RIVERS PhD Res Agron in Chg of Cotton Inve 25G W RIVERS PhD Res Agron in Chg of Cotton Inve 25G W RIVERS PhD Res Agron in Chg of Cotton Inve 25G W RIVERS PhD Res Agron in Chg of Cotton Inve 25G W RIVERS PhD Res Agron in Chg of Cotton Inve 25G W RIVERS PhD Res Agron in Chg of Cotton Inve		1R S TITUS DVM Asst Prof 1M F YOUNG DVM Asst Prof 12L C GRUMBLES DVM MS Assoc Prof 2T E FRANKLIN DVM MS Assoc Prof 12 F FRANKLIN DVM MS Assoc Prof 12C F HALL DVM MS Asst Prof 1P F JUNGERMAN DVM MS Prof 2C W LIVINGSTON DVM MS Prof 2C W LIVINGSTON DVM MS Asst Prof 2C W LIVINGSTON DVM MS Asst Prof 2R W MOORE DVM MS Asst Prof 1P F JUNGERMAN DVM MS Asst Prof 1P TURK DVM MS Prof and Head of Dept 12T J GALVIN DVM Asst Prof 12J P SMITH DVM MS Asst Prof 12J P SMITH DVM MS Asst Prof 12J B HENSON DVM MS Assoc Prof 1W F MESTANZA DVM MS Asst Prof 1R M ROBINSON DVM Instr 1WINSLOW G SHELDON DVM Instr 1D O N TAYLOR DVM PhD Assoc Prof 1R H DAVIS DVM MS Assoc Prof 1S E GLASS DVM Asst Prof 1J D McCRADY DVM BS Asst Prof 1M SZABUNIEWICZ DVM DVS Asst Prof 1M SZABUNIEWICZ DVM MS Prof and Head of Dept 1F P JAGGI Jr DVM MS Prof and Head of Dept	10240 10250
12F R BRISON MS Prof 2META S BROWN PhD Prof 12E E BURNS PhD Assoc Prof 12L E CLARK BS Instr 23L C COFFEY PhD Prof and Agron 2J W COLLIER PhD Assoc Agron 12A F DeWERTH MS Prof 35F C ELLIOTT MS Cotton Spec 2M H FERGUSON PhD US Golf Assoc 3J J FRANKLIN MS Land Hort Spec 12MACK C FUGUA MS Asst Prof 12C L GODFREY PhD Assoc Prof 12FFIN T GRAHAM PhD Asst Prof 14F HAMPTON PhD Prof 2B G HANCOCK MS Ext Hort 2B W HIPP BS Instr 2E C HOLT PhD Prof 25M L KINMAN PhD Agron in Chg of Oilseed Inves 25R J KOHEL PhD Genet 12G W KUNZE PhD Prof 3J E LARSEN PhD Hort 1T E MCAFEE PhD Prof 34G G McBEE MS Pasture Spec 50 G MERKLE PhD Res Agron 3R J MIEARS MS Agron 1J F MILLS MS Asst Prof 5GEORGE F NEWBERRY BS Admin Asst 2G A NILES PhD Asst Prof 3A C NOVOSAD MS Pasture Spec 25HARVEY OAKES BS Senior Soil Correlator 2D R PATTERSON PhD Asst Prof 1R C POTTS PhD Prof and Asst Dir of Agr Instr 2H E REA BS Assoc Prof 2ST R RICHMOND PhD Agron in Chg of Cotton Inve 2ST R RICHMOND PhD Agron in Chg of Cotton Inve 2ST R RICHMOND PhD Agron in Chg of Cotton Inve 2ST R RICHMOND PhD Agron in Chg of Cotton Inve 2ST R RICHMOND PhD Agron in Chg of Cotton Inve 2ST R RICHMOND PhD Agron in Chg of Cotton Inve 2ST R RICHMOND PhD Agron in Chg of Cotton Inve 2ST R RICHMOND PhD Agron in Chg of Cotton Inve 2ST R RICHMOND PhD Agron in Chg of Cotton Inve		1R S TITUS DVM Asst Prof 1M F YOUNG DVM Asst Prof 12C C GRUMBLES DVM MS Assoc Prof 2T E FRANKLIN DVM MS Assoc Prof 12C F HALL DVM MS Assoc Prof 12C F HALL DVM MS Asst Prof 1P F JUNGERMAN DVM MS Prof 2C W LIVINGSTON DVM MS Prof 2C W LIVINGSTON DVM MS Asst Prof 2C W EINECKE DVM MS Asst Prof 2R W MOORE DVM MS Asst Prof 1R D TURK DVM MS Asst Prof 12T J GALVIN DVM Asst Prof 12T J GALVIN DVM Asst Prof 12T J GALVIN DVM Asst Prof 12T J SMITH DVM MS Asst Prof 12J B HENSON DVM MS Assoc Prof 1W F MESTANZA DVM MS Assoc Prof 1W F MESTANZA DVM MS Assoc Prof 1R M ROBINSON DVM Instr 1D O N TAYLOR DVM PhD Assoc Prof Veterinary Physiology and Pharmacology 1P W BURNS DVM BS Prof and Head of Dept 1R H DAVIS DVM MS Assoc Prof 1S E GLASS DVM Asst Prof 1J D McCRADY DVM BS Asst Prof 1M SZABUNIEWICZ DVM DVSC Asst Prof	10240 10250

/ildlife Management	10280	Substations—Continued
123W B DAVIS PhD Prof and Head of Dept		El Paso (No 17)
12R J BALDAUF PhD Assoc Prof		25P J LYERLY PhD Supt and Res Coordinator of Trans
12D C CARTER PhD Instr 2R B DAVIS PhD Assoc Prof		Pecos Area
1J M INGLIS MS Instr		2J J HEFNER MS Asst Plant Path
3W G KLUSSMANN Spec		2D E LONGENECKER PhD Assoc Agron 25E F YOUNG Jr PhD Agron
12J G TEER MS Asst Prof		Ent Res Center PO Box 1033 Brownsville
PES G INDITION TOOL I'VE		5D F MARTIN PhD Leader of Pink Bollworm Invest
tiscellaneous	10290	5C A BENSCHOTER BS Ent
1HOWARD BERRY BS Dir of Photog and Vis Aids		5R S BERGER PhD Ent
3L L BURLESON Organ Spec		5A J CHAPMAN BS Ent
30 B CLIFTON MS Prog Spec		- 5L C FIFE MS Ent
3B D COOK PhD Studies and Training Spec		5N E FLITTERS MS Ent
123NETTIE CRENSHAW Admin Secy		5P A GLICK MS Ent
3M E CROUCH BS Asst State 4-H Club Leader		5H M GRAHAM PhD Ent
1R A HOUZE BLS Libr		5C M IGNOFFO PhD Ent
3R L HUNT Jr Asst State 4-H Club Leader		SW L LOWRY BS Ent
3FLOYD LYNCH MEd State 4-H Club Leader 3G R MARSHALL BS Resource Devipmt Spec		5M J LUKEFAHR PhD Ent
3L S PAINE Resource Devipmt Spec		5R L McGARR BS Ent 5J M McGOUGH BS Ent
3R L RUSHING ME Area Resource Devlpmt Spec	(PO	5L W NOBLE BS Ent
Nacogdoches)	1. 0	5M T OUYE PhD Ent
3E F SCHLUTT PhD Assoc State 4-H Club Leade	er e	5R E REDFERN MS Ent
3MARGIE SELLERS Asst State 4-H Club Leader		5C L RHYNE Jr PhD Genet
3CLAUDIA WILLIAMS MS Prog Spec		5C A RICHMOND BS Ent
3G F VAUGHN Resource Devlpmt Spec		50 T ROBERTSON Ent
3ERMA WINES BS Asst State 4-H Club Leader		5Mrs MARIE A TAYLOR BS Admin Off
		Gonzales (No 21)
ubstations	10300	2A A CAMP PhD Supt
ingleton (No 3)		2S E GLASS Assoc Poultry Path
2J C SMITH MS Supt		Iowa Park (No 16)
2K S ENG PhD Asst Anim Husb 2B E JETER MS Asst Agron		2L E BROOKS BS Supt
2M E RIEWE MS Assoc Agron		2V I WOODFIN BS Junior Hort
Beaumont (No 4) (Rice Pasture Exp Sta)		Jacksonville (Tomato Dis Invest) 2H T BLACKHURST PhD In Chg (PO College
25J G ATKINS PhD Plant Path		Station)
25H M BEACHELL MS Agron		Livestock Insects Invest PO Box 232 Kerrville
2C C BOWLING MS Asst Ent		5R C BUSHLAND PhD Ent and Head of Sta
25D L CALDERWOOD MS Agr Engin		5I L BERRY MS Agr Engin
2N S EVATT MS Assoc Agron		5W F CHAMBERLAIN PhD Ent
2H R HUDGINS MS Asst Agron		5H V CLABORN BS Chem
5F LOUVIER BS Agr Engin		5R O DRUMMOND PhD Ent
2J E SCOTT MS Asst Agron		5R E GINGRICH PhD Ent
2J E STANSEL MS Asst Genet		50 H GRAHAM PhD Ent and Asst Head of Sta
25B D WEBB PhD Chem		5R L HARRIS PhD Ent
25R M WEIHING PhD Agron 2J R WOOD MS Assoc Agron		5R A HOFFMAN MS Ent 5M C IVEY BS Chem
Beeville (No 1)		5H D MANN BS Chem
2E M NEAL BS Supt		5N O MORGAN PhD Ent
2B E CONRAD MS Asst Agron		Mission Sublaboratory for Screwworm Res PO Box 986
2LUCAS REYES JR Agron		Mission
Big Spring Field Sta PO Box 909 Big Spring		5A H BAUMHOVER BS Ent in Chg
25J E BOX Jr PhD Supt and Res Soil Sci		5M M CRYSTAL PhD Ent
5D V ARMBRUST MS Soil Sci		5L W FLETCHER PhD Ent
25N H WELCH MS Res Soil Sci		5B G HIGHTOWER PhD Ent
Blacklands Exp Watershed PO Box 1147 Riesel		SL E LaCHANCE PhD Genet
25R W BAIRD MS Hydraulic Engin		5J G RIEMANN PhD Ent
25W G KNISEL Jr MS Hydraulic Engin		Lubbock (No 8)
25J B POPE MS Agr		2C E FISHER MS Supt 23R W BERRY PhD Area Plant Path
Chillicothe (No 12) 2K A LAHR BS Asst Agron and Acting in Chg		25J D BILBRO Jr PhD Res Agron
25J C STEPHENS MS Agron		25R D BRIGHAM PhD Res Agron
Cotton Field Sta PO Greenville		25B B BRODIE PhD Res Agron
Cotton Insects Res Br PO Box 1218 Waco		2J R GIPSON MS Asst Plant Physiol
5C B COWAN Jr BS Ent In Chg		2CLARK HARVEY PhD Assoc Prof (Coop Tex Tech)
5J W DAVIS BBA Agr Res Tech		25E B HUDSPETH Jr MS Agr Engin
5W C WATKINS Jr MS Ent		2C C JAYNES MS Asst Prof (Coop Tex Tech)
Crystal City (No 19) PO Box 70 Crystal City		2D L JONES BS Agron (Emeritus)
25B A PERRY PhD Supt		2R E KARPER PhD Agron (Emeritus)
2J A HARDING MS Asst Ent		25I W KIRK MS Agr Engin
Denton (No 6)		2J H KYLE PhD Asst Hort
2D I DUDLEY BS Supt		2J S NEWMAN MS Asst Agron
2J H GARDENHIRE MS Asst Agron		12W L OWEN Jr MS Assoc Ent 2L L RAY MS Asst Agron
2P A RICH MS Junior Agron		3J H VALENTINE MS Soil Chem
23C O SPENCE MS Asst Agron		SO II ALFERIATION ON ONLONG

Substations-Continued

ZEL T WALLELE MD ASSI AGEON	2P R JOHNSON MS Supt
25D F WANJURA MS Agr Engin Lufkun (Pasture Invest)	23S E CARPENTER BS Assoc Dairy Husb
2E K CROUCH BS Assoc Anim Husb in Chg	2H F MORRIS MS Hort
McGregor (No 23)	2B H STONE MS Junior Econ
2H O HILL BSCE Supt	U S Cotton Fiber and Spinning Lab PO Box 297 Col Sta
2W E KRUSE MS Asst Anim Husb	5L J WATSON BA Supv Cotton Tech (Officer in Chg)
2R F LYNCH BS Asst Agron	5F S EDDINS BS Supv Cotton Tech (Asst in Chg) 5F W SCHULTZ BS Cotton Tech
2M J NORRIS MS Agron	Weslaco (No 15)
2J M SHELTON PhD Anim Genet	2W R COWLEY MS Supt
Montague (Fruit Invest)	5R R ALLEN BS Agr Engin
2U A RANDOLPH MS Assoc Hort in Chg	5D L CARTER PhD Res Soil Sci
Mt Pleasant (Dairy Invest)	2R T CORREA MS Asst Hort
2J A LANCASTER MS Assoc Agron	2H A DEAN MS Assoc Ent
Nacogdoches (No 11) PO Box 1172	2C J GERARD PhD Assoc Soil Phys
Pecan Field Sta PO Box 589 Brownwood	5ALVIN GERBERMAN BS Agr Res Tech
5L D ROMBERG BS Res Hort in Chg	5CANDELARIO GONZALEZ BS Agr Res Tech
5R B MANNING Agr Res Aid	5D J HACCOCK BS Adv Agr Met
Poultry Dis Invest East Tex PO Box 187 Center	5M D HEILMAN MS Soil Sci
2R L CLIFFORD Jr DVM Assoc Poultry Path	2J L HUBBARD MS Assoc Agron
Poultry Dis Lab PO Box 296 Tarleton Sta Stephenville	2P W LEEPER MS Assoc Hort
2J F TEAGUE DVM Assoc Poultry Path	5LEON LYLES MS Res Agr Engin
Prairie View (No 18) See Prairie View A and M College	5J H MACHMER MS Nematol
Sonora (No 14)	5D M McLEAN PhD Plant Path
2W T HARDY DVM Supt	2N P MAXWELL MS Assoc Hort
2J W MENZIES MS Asst Anim Husb	5R M MENGES PhD Res Hort
2L B MERRILL PhD Assoc Range Sci	5V I MYERS MS Proj Mgr and Res Agr Engin
Southwestern Great Plains Field Sta Bushland	5L N NAMKEN MS Soil Sci
25C E VAN DOREN BS Supt	5E O OLSON PhD Plant Path
5WAYNE CLYMA BS Agr Engin	5ASCENSION PEYNADO BS Chem
2N E DANIELS MS Assoc Ent 5R H DUDLEY BS Agr Engin	3J N PRATT PhD Area Agron
5H V ECK PhD Soil Sci	2R B REINKING MS Ent (Coop Tex A & I)
5R H FORD BS Agr Res Tech (Soils)	5R J REKRORIK MS Agr Engin
5C W GANTT Jr MS Agr Engin	2P W ROHRBAUGH PhD Dir (Coop Tex A & I)
5V L HAUSER MS Agr Engin	5P E ROSS BS Agr Engin 2M F SCHUSTER BS Asst Ent
5W C JOHNSON PhD Soil Sci	2BAILEY SLEETH PhD Assoc Ent
50 R LEHMAN BS Soil Sci	5J R THOMAS PhD Soil Sci
5F B LOTSPEICH PhD Soil Sci	5C L WIEGAND PhD Soil Sci and Assoc Proj Mar
5A C MATHERS PhD Soil Sci	2D A WOLFENBARGER PhD Assoc Ent
2K B PORTER PhD Agron	5R H YOUNG PhD Plant Physiol
5W H SLETTEN MS Agr Engin	Yoakum (Plant Dis Invest)
5H M TAYLOR PhD Soil Sci	2Å L HARRISON PhD Plant Path in Cha
2J F WEHRLY PhD Asst Econ	2T E BOSWELL MS Asst Plant Path
2Å F WIESE PhD Agron	
Spur (No 7)	Prairie View Agricultural & Mechanical College,
2P T MARION MS Supt 24W P HATCHETT BS Junior Agron	Prairie View, Texas
2E D ROBISON BS Asst Range Sci	*C 11
2W J WALDRIP PhD Assoc Range Sci (PO Seymour)	College Staff 2Station Staff 3Extension Staff
Stephenville (No 20)	4Leave of Absence
2B C LANGLEY MS Supt	E D EVANS DUM David
2T E DENMAN BS Assoc Hort	E B EVANS DVM Pres
Temple (No 5)	Agriculture
25R W BAIRD MS Supt	10310 1G L SMITH MS Dean of Sch of Agr
25J E ADAMS PhD Soil Sci	1J M CORUTHERS PhD Agr Econ
25EARL BURNETT PhD Soil Sci	1L W ENGRAM MS Dairy Husb
2E D COOK PhD Agron	1E J JOHNSON MS Agr Engin
25D W FRYREAR MS Agr Engin	1J I KIRKWOOD PhD Agron (Soils)
2U D HAVELKA BS Asst Agron	12R W LEWIS PhD Poultry Husb and Nutr
2R J HERVEY MS Assoc Soil Microbiol	1E M NORRIS PhD Resident Teacher Trainer
25J L TACKETT PhD Res Soil Sci	1E W OWENS PhD Hort
Toxicological Invest Lab PO Box 311 Kerrville	1A N POINDEXTER DVM Vet Sci
5R D RADELEFF DVM Vet in Chg 5D E CLARK MA Chem	J R POWELL MS Asst Teacher Trainer
5J S PALMER DVM Res Vet	120 E SMITH MS Agron and Res Worker
5F C WRIGHT MA Gen Chemist	4LINDSEY WEATHERSPOON MS Anim Husb
5R L YOUNGER DVM Vet	12J C WILLIAMS MS Anim Husb and Res Worker
Trans Pecos (No 9)	12J J WOODS MS Poultry Husb and Res Worker
Livestock Unit (PO Box 205 Balmorhea)	Entered Court
2A A MELTON MS Assoc Anim Husb in Chg	Extension Service 10320 3M V BROWN BS State Leader
Soils and Crops Unit (PO Pecos)	3A E ADAMS BS Asst State Leader
2E L THAXTON Jr MS Assoc Agron in Chg	3Mrs PAULINE R BROWN MS Supvr in Negro Home
24T J ALLEN MA Asst Range Spec	
Tyles (No. 2)	Demon Work and Dist Act
Tyler (No 2)	Demon Work and Dist Agt
148	Demon Work and Dist Agt 3W B CLARK BS Dist Agt (Southern)

Substations—Continued

Extension Service-Continued

3MYRTLE E GARRETT MS Dist Agt (Southern)

3R A SANDERS BS Dist Agt (Northern)

3D H SEASTRUNK MS Farm and Home Devlpmt Spec

Home Economics 10330

1Mrs ELIZABETH M GALLOWAY MS Dean of Sch of Home Econ

IFLOSSIE M BYRD PhD Home Econ Educ and Child Devlpmt

1ROBERT V COLE MS Foods and Nutr

1Mrs ZELIA'S COLEMAN MS Household Econ

1Mrs DELIA M HUNT MS Clothing

Mrs SOPHIA JACKSON MA Food Nutr and Family Life Educ

1Mrs ERNESTINE OUTLEY MS Child Devlpmt and Nursery Sch

Mrs DOROTHY J WELLS MS Art and Clothing

Miscellaneous

10340 10 J BAKER MLS Libr

Substation No 18 10350

12J C WILLIAMS MS Supt 12R W LEWIS PhD Res Worker 12O E SMITH MS Res Worker 12J J WOODS MS Res Worker

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College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

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1DARYL CHASE PhD Pres 1M R MERRILL PhD Vice Pres for Academic Affairs (Tel SK2-4100 Ext 211)

123D A BROADBENT MS Vice Pres for Bus Affairs

IV R SMITH PhD Dean Col of Agr (Tel SK2-4100 Ext 221)

12D W THORNE PhD Dir of Expt Sta Dir of Univ Res (Tel SK2-4100 Ext 221)

2K W HILL PhD Assoc Dir of Expt Sta

3W H BENNETT PhD Dir of Ext Serv (Tel SK2-4100 Ext 266)

3L A DRURY EdD Assoc Dir of Ext Serv

3L C MICHAELSEN MS Actg Assoc Dir of Ext Serv

34J C BALLARD PhD Asst Dir of Ext Serv
2D A BURGOYNE MS Asst to Dir of Expt Sta

10380

12H B PETERSON PhD Prof Soils and Head of Dept

12K R ALLRED PhD Assoc Prof Forage Crops

12G L ASHCROFT PhD Asst Prof Cliamatol
3P D CHRISTENSEN PhD Prof Ext Soil Conserv

2A T CHRISTIANSEN BS Res Asst Soils

25D R DEWEY PhD Res Genet
12W G DEWEY PhD Assoc Prof Cereal Crops and Plant Brdg

12R J EVANS PhD Prof (Emeritus) Crops

25J L HADDOCK PhD Res Soil Sci

25A C HULL Jr PhD Conserv
12D S JENNINGS PhD Prof (Emeritus) Soils

3L A JENSEN MS Assoc Prof Ext Agron Spec

25L N LEININGER PhD Res Agron 12D R McALLISTER PhD Prof Forage Crops

12R W MILLER PhD Assoc Prof Soil Genesis 25A M MURPHY MS Res Agron

2R F NIELSON MS Assoc Prof Agron

25E HOTTLEY Agr Res Tech 25M W PEDERSEN PhD Res Agron

Agronomy - Continued

25G K RYSER BS Res Agron 25C H SMITH MS Res Agron

12R L SMITH PhD Assoc Prof Soil Fert
2G L STOKER MS Assoc Prof Crop Certif
25D M STUART MS Agron
12S A TAYLOR PhD Prof Soil Phys

25R K TEW MS Watershed Res

25J C THEURER PhD Res Agron

25J P THORNE MS Soil Sci

12D C TINGEY MA Prof (Emeritus) Crops-Weeds

25A L URIE BS Agr Res Tech

24G A VAN EPPS MS Asst Pr of Agron (Snow Col Ephraim)

2LeMOYNE WILSON MS Assoc Prof Soil Classif 25R W WOODWARD PhD Senior Agron

Animal Husbandry

10390

12J A BENNETT PhD Prof Beff Cattle and Sheep Genet and Head of Dept

12J E BUTCHER PhD Assoc Prof Beef Cattle and Sheep Nutr

2ALICE DENNEY PhD Res Assoc Anim Nutr

12W C FOOTE PhD Assoc Prof Anim Reproduction 12L E HARRIS PhD Prof Beef Cattle and

Sheep Nutr

3G R HENDERSON MS (Emeritus) Ext Anim Husb

3R R KEETCH MS Assoc Prof Ext Sheep and Wool Spec

2A D KNIGHT PhD Asst Prof Anim Nutr 124M A MADSEN PhD Assoc Prof Sheep Genet and Wool

12D H MATTHEWS MS Assoc Prof Sheep Genet & Prod (CSU Cedar City)

3D J MATTHEWS PhD Assoc Prof Ext Anim Husb 12HYRUM STEFFEN MS Assoc Prof Swine Nutr

12J C STREET PhD Assoc Prof Anim Nutr and Bio-

2E M SUDWEEKS MS Res Assoc Anim Husb 2D O WILLIAMSON BS Res Assoc Chem

Bacteriology and Public Health 10400

12W W SMITH PhD Prof Bact and Head of Dept 12P B CARTER PhD Assoc Prof Bact

1L W JONES PhD Prof Bact
1R S ROBERTS MS Asst Prof Public Health
1K R STEVENS PhD Prof Bact and Public Health

Botany and Plant Pathology

120 S CANNON PhD Prof Dis Resistance and Head of Dept

1W S BOYLE PhD Prof Cytogenet 2J L CHIDESTER Res Asst Virol

2G W COCHRAN PhD Prof Virol 25E H CRONIN PhD Res Plant Physiol

2A S DHALIWAL PhD Res Asst Virol

25G D GRIFFIN PhD Res Nematol

12Å H HOLMGREN MS Assoc Prof Bot and Curator of Intermountain Herbarium

25E C JORGENSON MS Res Nematol

25M W MARTIN PhD Res Genet 12G W MILLER PhD Assoc Prof Plant Biochem

12B L RICHARDS PhD Prof (Emeritus) Bot 1R J SHAW PhD Assoc Prof Taxon and Morphol

25MYRON STOUT BS Res Plant Physiol
2J H VENEKAMP PhD Assoc Prof Biochem

25B N WADLEY PhD Res Plant Path

25WAYNE WAITE Agr Res Tech

2G W WELKIE PhD Assoc Prof Virol 12H H WIEBE PhD Assoc Prof Plant Physiol

25M C WILLIAMS PhD Res Plant Physiol

25D E ZIMMER PhD Res Plant Path Safflower Dis

IM C CANNON PhD Prof Anal Chem and Head of Dept 1R C ANDERSON PhD Asst Prof Organic Chem

10470

10500

Chemistry-Continued

1R H BOYD PhD Assoc Prof Phys Chem

12D A GREENWOOD PhD Prof Biochem & Toxicol

1B G HOBROCK PhD Asst Prof Inorganic Chem

1G L LEE PhD Prof Chem

1SHERWIN MAESER PhD Prof (Emeritus) Chem

1W M MOORE PhD Asst Prof Phys Chem
2H M NIELSEN MS Asst Prof Biochem
2L E OLSON PhD Asst Prof Organic Chem

2DEXTER ROGERS PhD Asst Prof Biochem

1G G SMITH PhD Prof Organic Chem

12J T SPENCE PhD Assoc Prof Organic Chem 1F R STERMITZ PhD Asst Prof Organic Chem

1A T TU PhD Asst Prof Biochem

1H O VAN ORDEN PhD Prof Organic Chem

10430

12G E STODDARD PhD Prof Nutr and Head of Dept 25M J ANDERSON PhD Dairy Nutr

3J J BARNARD MS Assoc Prof Ext Dairyman 2G Q BATEMAN BS Prof (Emeritus) Dairy Husb

3RULON BUCK MS Asst Prof Ext Dairy Records Agt 1G B CAINE MS Prof (Emeritus) Dairy Husb
12R C LAMB PhD Asst Prof Dairy Brdg
1P B LARSEN MS Assoc Prof Dairy Mfg

2C H MICKELSEN MS Asst Prof Dairy Husb & Supt Dairy Expt Farm

123A J MORRIS MS Prof (Emeritus) Dairy Mfg 2L L PERKES BS Res Asst Dairy Husb

3L H RICH MS Prof (Emeritus) Ext Dairyman

Economics (Agr) and Marketing

10440

12G T BLANCH PhD Prof and Head of Dept

12R H ANDERSON PhD Prof Mktg

5P W BARKLEY PhD Agr Econ 3L A CLEMENT MPA Assoc Prof Ext Form Mgt Spec

12L H DAVIS PhD Assoc Prof Form Mgt

12B D GARDNER PhD Assoc Prof Farm Mgt
12B D GARDNER PhD Assoc Prof Land Econ
3P R GRIMSHAW MS Assoc Prof Ext Mktg Spec
12E W LAMBORN PhD Assoc Prof Mktg
2A D LeBARON PhD Asst Prof Land Econ
12E M MORRISON MS Prof Farm Mgt
2R D POND RS Res Asst

2R D POND BS Res Asst

2M W PORTER BS Res Asst
2S H RICHARDS BS Res Asst
12N K ROBERTS PhD Prof Land Econ and Chmn Center for Social Sci Res on Natural Resources

25C E STEWART PhD Agr Econ and Leader Western Basin Prog ERS

3M H TAYLOR PhD Prof Ext Mktg Spec

2E B WENNERGREN PhD Asst Prof Land Econ

10450

1L A BLASER PhD Dir Public Serv and Inform 3C H BREWER MS Rural Civil Defense Spec 12LOIS M COX BS 'Tech Writer

2MRS GLADYS L HARRISON BA Ed Expt Sta Pub 3A L HIGBEE BS Asst Prof Ext Radio and TV Spec

3T C JONES BS Instr Ext Pub Ed

23C M KOTTER BS Asst Prof Ext and Expt Sta Inform

Spec

23GEORGIA B SMITH BS Asst Ext and Expt Sta Inform Spec

3J L SMITH BS Ext Radio and TV Spec

Engineering (Agr) 10460

1D F PETERSON DCE Prof and Dean of Col 124C H MILLIGAN MS Prof Soil and Water

3B H ANDERSON PhD Assoc Prof Water Use Spec

1J M BAGLEY MS Asst Prof Hydrology 12A A BISHOP PhD Prof Soil and Water Asst Head Agr Eng

1C L CHEN PhD Assoc Res Eng Hydraulics

1J E CHRISTIANSEN CE Prof Soil and Water
1V T CHRISTIANSEN MS Asst Prof Structures

IC G CLYDE PhD Prof Hydraulies

Engineering (Agr)-Continued

1W A CORDON MS Assoc Prof Eng Mater

1S H DAINES MS Assoc Prof Soil and Water
1I S DUNN PhD Prof

1G H FLAMMER PhD Assoc Prof Hydraulics
1J E FLETCHER MS Prof Hydrology
1V E HANSEN PhD Prof Soil and Water and Dir of

Engin Expt Sta

2F W HAWS BS Res Assoc Soil and Water

120 W ISRAELSEN PhD Prof (Emeritus) Soil and Water

IV H JARRETT MS Asst Prof Agr Engin 1N B JONES MS Asst Prof Sonit Engin

12JACK KELLER MS Asst Prof Irrig 12F W KIEFER JR MS Asst Prof Hydraulics 25C W LAURITZEN PhD Soil Sci

25G L PEARSON MS Hydrologist (PO Salt Lake City)

IL E RICH MS Assoc Prof and Actg Head of Dept

3W B RINGER MS Asst Prof Agr Engin Spec

1G V SKOGERBOE MS Asst Res Eng Hydrology

1J D THORPE MS Asst Res Eng Eng Mater
1W A TINGEY BS Asst Prof Surveys and Photo-

grammetry
1G Z WATTERS PhD Asst Prof Hydraulics

25L S WILLARDSON MS Agr Engin

Extension Administration

3G T BAIRD BS Assoc Prof State 4-H Club Leader

3G L BECKSTRAND PhD Prof Dist Ext Dir

3MARDEN BROADBENT PhD Prof Dist Ext Dir

3S L BROWER PhD Prof Econ and Social Devlpmt Leader

3W F FARNSWORTH PhD Assoc Prof Coordinator Univ Ext

3L R HUNSAKER PhD Prof Dist Ext Dir

3AMY R KEARSLEY MA Assoc Prof Assoc State 4-H Club Leader

3MRS MARGARET B MERKLEY PhD Assoc Prof Home Econ Prog Leader

Family Life

1PHYLLIS R SNOW PhD Prof Food and Nutr and Mat and Dean of Col

Clothing and Textiles 10490

1MRS NORMA H COMPTON PhD Assoc Prof and Head of Dept

1MRS RUTH V CLAYTON MS Instr Clothing Design 3THETA JOHNSON MS Assoc Prof Ext Clothing Spec IMRS VIRGINIA S LEWIS MS Instr Clothing Design 1HARUKO TERASAWA MS Asst Prof Clothing Design

Family Living and Child Development

1D C CARTER EdD Prof and Head of Dept 1MRS VALERA G HOLMAN BS Supvi Coop Nursery

School and Head Teacher Child Devlpmt Lab 1MRS CARROLL C LAMBERT MS Asst Prof and Supvr

Child Devlpmt Lab 1MRS DOROTHY B LEWIS MS Assoc Prof Child

Devlomt 1MRS ROSEMARY M LUNDQUIST BS Instr Child

Devlpmt IC J SKIDMORE EdD Assoc Prof Fam Living IMRS RAMONA Y SMITH MS Instr Child Devlpmt

Food and Nutrition 1PHYLLIS R SNOW PhD Dean and Prof Food & Nutr

and Mgt Actg Head of Dept

3MRS FLORA H BARDWELL MS Asst Prof Food and Nutr Spec

2MRS ALMEDA P BROWN MS Prof (Emeritus) 3CAROLYN H DUNN BA Asst Prof Consum Mktg Inform Spec

1PRISCILLA ROWLAND MS Asst Prof 1MRS GRACE J SMITH MS Asst Prof Nutr 12ETHELWYN B WILCOX PhD Prof

Homemaking Education 10570

IMRS VIRGINIA H HARDER MS Asst Prof and Head of Dept

IMRS NORMA W PIERSON MS Asst Prof Homemaking Educ and Clothing and Textiles

Household Economics and Management

1EDITH NYMAN MS Assoc Prof Mat Fin and Head of Dept

3MRS RHEA H GARDNER MA Assoc Prof Home Mgt and Furnishings Spec

ILAVINA HARPER MS Asst Prof Housing and Household Equip

Forest Management

1J W FLOYD MS Dean and Prof For and Head of Dept 12T W DANIEL PhD Prof Silvic

123J D HUNT MF Asst Prof For Mgt and Ext For Spec

1C M JOHNSON MS Inst

12W H JOHNSON MWT Asst Prof 5R G KREBILL PhD For Path

1R R MOORE MF Assoc Prof 5R S PETERSON PhD For Path

25J D SCHULTZ MS Watershed Res

12S R TOCHER MS Assoc Prof 5J A WAGAR PhD Coop For Rec

Horticulture 10540

12L H POLLARD PhD Prof Veg Crops and Head of Dept

12J L ANDERSON PhD Asst Prof Pomol

3A B CALL JR MS Assoc Prof Ext Hort Spec
2R P DRAPER BS Res Assoc (PO Farmington)
1R K GERBER MS Asst Prof Pomol
12A R HAMSON PhD Prof Veg Crops

20 C KIRK BS Res Assoc Pomol (Howell Field Station PO North Ogden)

12D K SALUNKHE PhD Assoc Prof Food Tech 3A L STARK PhD Prof Ext Ornam Hort Spec

12D R WALKER PhD Assoc Prof Pomol

12B G WESENBERG PhD Asst Prof Flor

Poultry Husbandry 10550 123C I DRAPER PhD Prof Nutr and Head of Dept Ext Poultryman

12J O ANDERSON PhD Prof Nutr

12S J ATKINSON BS Res Assoc

12J D CARSON PhD Assoc Prof Genet
123C E CLARK PhD Assoc Prof Physiol Ext Poultrymon
2D C DOBSON PhD Asst Prof Nutr (Snow College

Ephraim)

3D W THOMAS DVM Prof Ext Vet Spec

2R E WARNICK MS Res Asst

10560 Range Management

12L A STODDART PhD Prof Range Ecol and Head of Dept

25A T BLEAK BS Conserv Range Revegetation 12C W COOK PhD Prof Range Nutr

12D L GOODWIN PhD Assoc Prof Watershed & Range F.col

11 B GRUMBLES PhD Asst Prof.

25R O MEEUWIG MS Watershed Mgt

12P R OGDEN MS Asst Prof Range Physiol (CSU Cedar City)

25P E PACKER MS Watershed Mgt 3K G PARKER MS Prof Range Mgt Spec

1A D SMITH PhD Prof Game Livestock Range Relat

10570 Sociology

1R W ROSKELLEY PhD Prof and Head of Dept

12T R BLACK PhD Prof Urbanization and Rural Areas
1W A DeHART PhD Assoc Prof Indus Soc

12MRS CARMEN FREDRICKSON MS Assoc Prof Role of Women

12J A GEDDES PhD Prof (Emeritus)

1G N KELLER PhD Assoc Prof Cultural Anthropology

Sociology-Continued

1MRS EVELYN H LEWIS MA Assoc Prof 1J A PENNOCK MA Asst Prof Crime and Delinquency

Statistical Laboratory and Computer Center

12R L HURST PhD Prof and Head Applied Statis and Computer Sci and Dir Computer Center

12N R BOHIDAR PhD Asst Prof Applied Statis and Computer Sci and Expt Sta Statis

12W L POPE MS Asst Prof Applied Statis and Computer Sci and Expt Sta Numerical Anal

12D V SISSON PhD Asst Prof Applied Statis and Computer Sci and Expt Sta Statis

Veterinary Science

10590

12M L MINER DVM Prof and Head of Dept 25WAYNE BINNS DVM MS Vet and Agt

12J T BLAKE DVM PhD Assoc Prof Physiopathology

12J W CALL DVM Asst Prof Clin

25DALE CHRISTIANSEN DVM Vet

12ROBERT DAVIS BS Res Assoc Lab Tech

25L F JAMES MS Anim Husb 2M E MARRIOTT BS Res Asst Lab Tech

25A G McKINNON Res Tech

2A E OLSON MS Res Assoc Lab Tech

25J L SHUPE DVM Vet 12R A SMART DVM Assoc Prof Microbiol

2JOHANNES STORZ DVM PhD Asst Prof Virol

2J A THOMAS DVM Asst Prof Vet Sci (PO Provo)

Wildlife Resources

12W F SIGLER PhD Prof Water Pollution Biol and Head of Dept

3J H BERRYMAN MS Assoc Prof Ext Wildlife Spec 125D F FRANKLIN PhD Assoc Prof Dynamics of Fish Populations

12W T HELM PhD Asst Prof Ecology of Fishes

1G H KELKER DSc Prof Wildlife Res

15J B LOW PhD Prof General Wildlife Ecol on Big Game & Waterfowl

1J M NEUHOLD PhD Assoc Prof Fish Toxicol 25F W RABE PhD Asst Prof Biol of Alpine Lakes

1A W STOKES PhD Prof Anim Behavior

1F H WAGNER PhD Assoc Prof Anim Ecol and Population Dynamics

Zoology

12D M HAMMOND PhD Prof Parasitol and Head of Dept

1T L BAHLER PhD Prof Physiol and Zool

25G E BOHART PhD Ent

5J E BURNETT BS Ent

12D W DAVIS PhD Assoc Prof Ent

1K L DIXON PhD Assoc Prof Zool

25H E DORST MS Ent

25P R FITZGERALD PhD Parasitol

1E J GARDNER PhD Prof Genet and Dean of Col of

1M H GUNNELL MS Assoc Prof Zool

1W J HANSON MS Asst Prof Systematic Ent 12B A HAWS PhD Assoc Prof Ent

25Å E JOHNSON MS Parasitol

3G F KNOWLTON PhD Prof Ext Ent Spec

1G H LINFORD MS Assoc Prof Zool

25W P NYE MS Ent and Apic

1R T SANDERS PhD Assoc Prof Physiol

13 R SIMMONS PhD Asst Prof Genet
12C J SORENSON MS Prof (Emeritus) Ent
13 S STANFORD PhD Prof (Emeritus) Ent and Zool

5H F THORNLEY MS Ent

25P F TORCHIO BS Res Ent

Miscellaneous 1MILTON ABRAMS MS Col Libr 10620

Miscellaneous-Continued

1S S RICHARDSON MS Prof and Head of Dept of Agr

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1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

10630

10650

123JOHN T FEY JSD Pres of Univ

123P R MILLER MS Dean of Col (Tel UN 4-4511 Ext 264)

3R P DAVISON MEd Dir of Ext (Tel UN 4-4511 Ext 267 or 275)

2T W DOWE PhD Dir of Sta (Tel UN 4-4511 Ext 256) 123E N DOWNER Admin Asst

IJE LITTLE PhD Dir of Res Instr (Tel UN 4-4511 Ext 256)

123G N CLERKIN Treas

123M A DYSON BBA Comptroller

Agronomy 10640 12A R MIDGLEY PhD Prof and Head of Dept 12R J BARTLETT PhD Assoc Prof 123T R FLANAGAN PhD Asst Prof 12K E VARNEY MS Asst Prof 23JERRY L McINTOSH PhD 23W A WAY MS Agron 12G M WOOD PhD .Assoc Prof

Animal and Dairy Science 12A M SMITH PhD Assoc Prof and Head of Dept 123H V ATHERTON PhD Assoc Prof

123D J BALCH PhD Assoc Prof 124ALEC BRADFIELD MS Prof 3W A DODGE BS Dairyman

123ROBERT FITZSIMMONS MS Asst Prof and Ext Dairyman (BRD)

3W P LEAMY MS Dairyman (DHIA) K R SIMMONS PhD Asst Prof

Animal Pathology
123W D BOLTON DVM MS Prof and Head of Dept 10660

12W B DURRELL DVM MS Assoc Prof 2ROGER W MURRAY DVM

3J R WADSWORTH VMD MS

Biochemistry (Agr) 10670 12D B JOHNSTONE PhD Prof and Head of Dept

12M W FOOTE PhD Assoc Prof

12D W RACUSEN PhD Assoc Prof

10680

12J W MARVIN PhD Prof and Head of Dept 1L A CHARETTE Asst Curator 1P W COOK PhD Asst Prof 2ALEXANDER GERSHOY PhD Prof Emeritus 2F M LAING MS Res Assoc 1LOUISE A RAYNOR PhD Assoc Prof 12THOMAS SPROSTON Jr PhD Prof 14F H TAYLOR PhD Prof 1H W VOGELMAN PhD Assoc Prof

Economics (Agr) 10690

123F O SARGENT PhD Prof and Head of Dept 2M I BEVINS MS

3D K EDDY BS Agr Econ

123K D FISHER PhD Asst Prof

23V R HOUGHABOOM PhD Agr Econ 12R O SINCLAIR PhD Assoc Prof

3T S STANLEY BS Agr Econ (Food Merchandising)

Economics (Agr)-Continued

2J O SYKES MS 23E H TOMPKINS MS Assoc Agr Econ 12R H TREMBLAY PhD Assoc Prof 12F C WEBSTER PhD Assoc Prof

Education 10700 1B A GAYLORD EdD Assoc Prof and Head of Dept

Engineering (Agr) 10710

Utah-Vermont

12E C SCHNEIDER MS Prof and Head of Dept 12E L ARNOLD PhD Assoc Prof 5JOSEPH BORNSTEIN MS Asst Prof 3ANDREW TESSMAN BS Agr Engin

Entomology 10720 23G B MacCOLLOM PhD Assoc Sta Ent and Ext Ent

Extension Administration 3J D MERCHANT BS State County Club Agt Leader 3M PAULINE ROWE MEd Assoc State County Club Agt

Leader 3Mrs DORIS H STEELE MA State Home Demon Leader 3W W STONE BS County Agt Leader and Rural Devlpmt

10740

M C CANEDY Supt of Univ Farms (Relat Serv)

Forestry 10750 12W R ADAMS PhD Prof and Head of Dept 3R T FOULDS Jr MF For

12B W POST DF Asst Prof 12R A WHITMORE MF Assoc Prof 12L E ZAI PhD Assoc Prof

Home Economics 10760

12BLAIR WILLIAMS MS Assoc Prof and Head of Dept 1MARION H BROWN MS Assoc Prof and State Teacher Educ Home Econ Educ 1MARTHA CALDWELL MS Assoc Prof

2R P CLARK BS 1Mrs HARRIET HAND MS Asst Prof 2Mrs JULIA JUDSON MS Assoc Home Econ 14ESTHER L KNOWLES MS Assoc Prof 1Mrs JULIE W LEPESCHKIN MS Instr

2SUSAN B MERROW MEd Assoc Nutr 12ELLEN H MORSE PhD Assoc Prof 2MARIANNE MUSE MS Home Econ 1AGNES T POWELL MS Asst Prof 3Mrs FAITH K PRIOR BS Home Mgt Spec

1J A SAMENFINK PhD Prof 1PATRICIA SMITH MS Asst Prof 3Mrs LOIS A SOULE BS Clothing Spec 14LUCILLE M WAKEFIELD MS Asst Prof

1Mrs SELINA W WEBSTER MS Asst Prof 3ANNA M WILSON MS Nutr Spec

Horticulture 12S C WIGGANS PhD Prof and Head of Dept 10770

123R J HOPP MS Assoc Prof 13C L CALAHAN MS Hort

23H L FLINT PhD Ext Omam Hort and Assoc Hort 12B R BOYCE MS Res Asst

Information 10780 23J W SPAVEN BS Ed and Head of Dept

23Mrs KARIN KRISTIANSSON MA Asst Ed 23T J McCORMICK BS Asst Ed 23Mrs MARGARET MAURICE BA Ed Asst 23LEONE JACKSON Staff Artist

23KATHLEEN B WEBB BS Assoc Ed

Poultry Science

123G A DONOVAN PhD Assoc Prof and Poultryman and Head of Dept

Poultry Science-Continued

12D C HENDERSON MS Assoc Prof 3L S MERCIA MS Ext Poultryman

Regulatory

10800

H E BUCKLAND BS Seed And (Relat Serv)
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Rural Civil Defense

10910

N C THOMPSON BS Rural Defense Inform Spec

VIRGINIA

Colleges of Agriculture and Home Economics, the Agricultural Experiment Station, and the Agricultural Extension Service of the Virginia Polytechnic Institute, Blacksburg

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

10920

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2C H DUNCAN Asst to Dir of Sta

1JF BOONE BS Treas

10830

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34A H ALLISON BS Asst Prof Crops and Soils (PO Holland)

2D F AMOS MS Asst Prof Soil Survey

3M S BAKER Seed Certif Insp

5A R BATCHELDER BS Asst Prof Soil and Water Cons (ARS) 12R E BLASER PhD Prof Crop Mgt

2R H BROWN PhD Asst Prof Agron
2H T BRYANT PhD Assoc Prof Agron and Supt Northem
Va Pasture Res Sta (PO Middleburg)

2H M CAMPER Jr BS Asst Prof Agron and Supt Eastern Va Res Sta (PO Warsaw)

2M T CARTER MS Assoc Prof Agron (PO Petersburg)
2J W CREWS PhD Asst Prof Plant Brdg
2W J EDMONDS BS Instr Soil Survey
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12C F GENTER PhD Prof Plant Brdg

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2R C GRAY PhD Fert Repr (Coop TVA)

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3G R MATHEWS BS Prof Tobacco 2H L MATHEWS MS Instr Soil Survey

2W H McKEE MS Instr Crop Mgt 2W J MEYER MS Asst Prof Soils

Agronomy-Continued

25J D MILLER PhD Prof Plant Brdg

2J E MOODY MS Assoc Prof Soils

2W W MOSCHLER MS Asst Prof Soil Fert 12S S OBENSHAIN PhD Prof Soils

12J D PENDLETON PhD Assoc Prof Soils

5N B PFEIFER BS Soil Spec

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123H C PORTER BS Assoc Prof Soils

12C I RICH PhD Prof Soils

2M J ROGERS BS Asst Prof Agron and Supt Tobacco Res Sta (PO Chatham)

12R E SCHMIDT MS Asst Prof Turf

2R D SEARS BS Asst Prof Agron and Supt Southside Va Res Sta (PO Charlotte Court House)

3J F SHOULDERS MS Assoc Prof Crops

2EDWARD SHULKCUM MS Asst Prof Plant Brdg

12T J SMITH PhD Prof Plant Brdg

12T M STARLING PhD Prof Plant Brdg

2L H TAYLOR PhD Prof Plant Brdg
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Animal Science

10840

123G W LITTON MS Prof and Head of Dept

34G A ALLEN Jr BS Prof Sheep

3L B ALLEN BS Asst Prof Gen Livestock (PO Warsaw)

3W R BACKUS MS Asst Prof Food Technol 2K P BOVARD PhD Assoc Prof Anim Genet (PO Front Royal)

12C C BROOKS PhD Prof Swine

3J H CARTER MS Asst Prof Swine
12R C CARTER PhD Prof Anim Genet

12J S COPENHAVER MS Assoc Prof Livestock Mgt

12C L DRAKE PhD Asst Prof Sheep Husb 3A L ELLER Jr MS Asst Prof Performance Testing

12J P FONTENOT PhD Assoc Prof Animal Nutr

124J A GAINES PhD Assoc Prof Population Genet 3R M GODSEY BS Asst Prof Swine 2P P GRAHAM MS Instr Meats

3A N HUFF MS Asst Prof 4-H Livestock Spec

12R F KELLY PhD Prof Meats

12T J MARLOWE PhD Assoc Prof Anim Brdg

3C C MAST BS Prof Beef Prod

12T N MEACHAM PhD Asst Prof Physiol Reproduction

12D C MEYERHOEFFER MS Asst Prof Statis
2F S McCLAUGHERTY MS Asst Prof Anim Sci and Supt Southwest Va Res Sta (PO Glade Spring)

2W H McCLURE MS Asst Prof Anim Sci and Supt Shenandoah Valley Res Sta (PO Steeles Tavern)

25B M PRIODE MS Assoc Prof Anim Sci and Supt Beef Cattle Res (PO Front Royal)

12C B THEURER PhD Asst Prof Animal Nutr 2H R THOMAS Assoc Prof Swine (PO Holland)
12D W VOGT PhD Asst Prof Anim Brdg

3K C WILLIAMSON MS Prof Beef Cattle Mktg

Biochemistry and Nutrition

123R W ENGEL PhD Prof and Head of Dept 12C J ACKERMAN PhD Assoc Prof Bicohem

12L B BARNETT PhD Asst Prof Biochem
2J P FONTENOT PhD Assoc Prof Anim Nutr

12K W KING PhD Prof Biochem
2M D LANE PhD Assoc Prof Biochem
2N O PRICE MS Assoc Prof Biochem

12R R SCHMIDT PhD Asst Prof Biochem

12R E WEBB PhD Asst Prof Biochem 12E L WISMAN PhD Assoc Prof Anim Nutr

12R W YOUNG MS Asst Prof Biochem

12F S ORCUTT PhD Prof and Head of Dept 12R E BENOIT PhD Asst Prof Bact

12R B HOLLIMAN PhD Asst Prof Zool

10860

10860-10930 Virginia

Biology-Continued

12P C HOLT PhD Assoc Prof Zool 12N R KRIEG PhD Asst Prof Bact 12S E NEFF PhD Assoc Prof Zool (Hydrobiology)

12K A NICELY PhD Asst Prof Bot 12D T PATTEN PhD Asst Prof Bot 12R E PHILLIPS PhD Asst Prof Zool

12R D ROSS PhD Prof Zool 12W W SCOTT PhD Prof Bot

12D A WEST PhD Asst Prof Zool

12D P WHITTIER PhD Asst Prof Bot

12C D WILDER PhD Asst Prof Zool

Dairy Science

10870

123G C GRAF PhD Prof and Head of Dept 3V L BALDWIN PhD Assoc Prof Dairy Sci 12J T HUBER PhD Asst Prof Nutr 14P M LARGE MS Asst Prof Technol

3G J NAGEOTTE MS Assoc Prof Technol 3W N PATTERSON MS Assoc Prof Technol

1P M REAVES MS Prof Dairy Sci

12R A SANDY MS Assoc Prof Dairy Sci 2W K STONE PhD Prof Technol

2N R THOMPSON PhD Assoc Prof Genet

Economics (Agr) and Sociology (Rural)

10880 123H M LOVE PhD Prof and Head of Dept

34J B BELL MS Asst Prof Fruit and Veg Mktg

3G T BLUME PhD Assoc Prof Rural Sociol
12J T BUCK PhD Prof Poultry Mktg 3A B CARR BS Instr Farm Mgt

12R L CHAMBLISS Jr MS Assoc Prof Farm Mgt

12M C CONNER PhD Prof Milk Mktg

23L L DENISON MS Asst Prof Livestock Mktg 3D R FESSLER PhD Prof Rural Sociol 12W L GIBSON Jr PhD Prof Land Econ

3M R GLASS MS Instr Mktg Farm Supplies
12P H HOEPNER PhD Assoc Prof Prod Econ
2B R HOFFNAR PhD Asst Prof Prod Econ

3R P JENKINS MS Instr Fruit and Veg Mktg
12J M JOHNSON PhD Prof Fruit Mktg

12M E JUILLERAT PhD Assoc Prof Livestock Mktg

12R G KLINE PhD Prof Farm Mgt

3D U LIVERMORE BS Prof Ext Proj Leader

34D L LONG PhD Assoc Prof Consum Econ 3K E LOOPE MS Assoc Prof Farm Mgt

3W R LUCKHAM PhD Assoc Prof Poultry Mktg

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3W J NUCKOLLS MS Assoc Prof Taxation

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2EVERETT BURTS PhD Asst Ent (PO Wenatchee)

25B A BUTT BS Collab in Ent (PO Yakima) 2W W CONE PhD Asst Ent (PO Prosser)

25D L COUDRIET BA Collab in Ent (Yakima)

25R W DAWSON PhD Collab in Ent 25F P DEANMS Ent (PO Yakima)
2P M EIDE MS Assoc Ent (PO Mount Vernon)

2L W GETZIN PhD Asst Ent (PO Puyallup)
25J E HALFHILL BS Ent (PO Yakima)
25F H HARRIES PhD Ent (PO Wenatchee)

12R F HARWOOD PhD Assoc Prof and Assoc Ent 2K HAYASHIYA PhD Res Assoc

25J F HOWELL MS Collab in Ent

2S C HOYT PhD Assoc Ent (PO Wengtchee)

25D S JACKSON BS Collab in Ent 1M T JAMES PhD Prof

12C A JOHANSEN PhD Assoc Prof end Assoc Ent

2E C KLOSTERMEYER PhD Ent (PO Prosser)

25B J LANDIS MS Ent (PO Union Gap)

2W J O'NEILL MS Assoc Ent (PO Wenatchee)

25J A ONSAGER PhD Collab in Ent (Yakima)

25D M POWELL MS Collab in Ent (Yakima)

Entomology-Continued

2C H SHANKS PhD Asst Ent (PO Vancouver) 25R L WALLIS BS Collab in Ent (PO Yakima)
2H R WOLFE BS Asst Ent (Coop USPHS PO Box 73

Wengtchee)

Extension Administration Supervision and 4-H Club Work

3C A SVINTH MA Dir

3J P MILLER MS Asst Dir (PO Puyallup) 3C D ALLEN PhD State 4-H Club Leader

3H A COSGRIFFE MS State Leader of Ext Prog

13E J KREIZINGER MS Prof Agr and State Leader of Ext Res and Training

3HELEN NOYES MS State Ext Supvr

3G L POOR BS Ext 4-H Club Agt

3HELEN PROUT MS State Leader of Home Econ Ext 3T R QUANN BS Ext 4-H Club Spec (PO Puyallup)

3RITA SULLIVAN MS Ext 4-H Club Spec 3MARIE WALTERS MA State Ext Supvr (PO Puyallup) 3HENRY WOLFE MS State Ext Supvr (PO Prosser)

Forestry and Range Management

11290

11280

12J P NAGLE BS Prof and For and Chmn of Dept 12R W BRUCE MS Instrand Junior For

3JOSEPH BUHALY BS Ext For Spec (PO Puyallup)

12R W DINGLE PhD Assoc Prof and Assoc For 25W B FOWLER Collab in For (PO Wenatchee)

12G A HARRIS MS Assoc Prof and Assoc For

25H G HERRING MS Tree Fruit Exp and For Collab (U S For Serv)

25WILLIAM LOPUSHINSKY Collab in For (PO Wenatchee)

3KNUT LUNNUM BS Ext For Spec

12G G MARRA DF Prof and Wood Technol
25B R McCONNELL MS Collab in For (PO Wenatchee)

12M M MOSHER MF Assoc Prof and Assoc For

2A F NOSKOWIAK PhD Asst Wood Technol

2J D ROGERS PhD Junior For 25A M WILSON PhD Collab (ARS)

25D D WOOLBRIDGE PhD Collab in For (USFS Wenatchee)

Home Economics Research

11300

124Mrs MARGARET M HARD MS Prof and Home Econ and Chmn of Dept

12EDNA DOUGLAS PhD Prof and Home Econ 3INEZ M ECKBLAD MS Ext Food Spec

12MARY ROSE GRAM PhD Assoc Prof and Assoc Home Econ

124MARION E L JACOBSON PhD Prof and Home Econ 3Mrs ESTHER LIGGETT MS Ext Home Spec (PO Puyallup)

3E ARLEAN PATTISON MS Ext Home Mgt Spec 3Mrs HAZEL L ROBERTS MS Ext Clothing Spec 12ANNA L WOOD MS Assoc Home Econ and Actg Chmn

11310

112T A MERRILL PhD Prof and Hort and Chmn of Dept
1H T ABBOTT MLA Assoc Prof
12W B ACKLEY PhD Prof and Hort
25L P BATJER PhD Plant Physiol (PO Box 99

Wengtchee) 2N R BENSON PhD Hort and Soil Sci (PO Wenatchee)

12D R BIENZ PhD Asst Prof and Asst Hort

25S W BURT BS Collab Hort Mechanical Harvesting (PO Wenatchee)

2W J CLORE PhD Hort (PO Prosser) 25E S DEGMAN PhD Hort (PO Wenatchee)

3J C DODGE MS Ext Hort Spec (PO Puyallup)

2L W HUDSON MS Asst Hort

25A H JONES MS Met (Coop U S Weather Bur PO Wenatchee)

12E W KALIN PhD Prof and Hort

2A D KING Jr MS Collab in Hort (PO Puyallup)

2R R KUNKEL PhD Hort

Horticulture-Continued

2F E LARSEN PhD Asst Prof and Asst Hort 25G C MARTIN PhD Collab in Hort (Wenatchee)

2AS MYHRE BS Asst Hort (PO Puyallup) 12C W NAGEL PhD Asst Prof and Asst Hort
25K L OLSEN PhD Plant Physiol (PO Wenatchee)

12M E PATTERSON PhD Asst Prof and Asst Hort

12M J POWERS PhD Assoc Prof and Assoc Hort

2E L PROEBSTING PhD Assoc Hort (PO Prosser)

12T E RANDALL PhD Assoc Prof and Assoc Hort 25H A SCHOMER PhD Plant Physiol (PO Wengtchee)

2C D SCHWARTZE PhD Hort (PO Puyallup)

3J C SNYDER PhD Ext Hort Spec

2DANIEL TOMPKINS PhD Asst Hort (PO Puyallup)

2T K TOYAMA PhD Asst Hort (PO Prosser)

12M L WEAVER PhD Asst Prof and Asst Hort

3R A WEARNE MS Ext Hort Spec (PO Puyallup)

25M W WILLIAMS PhD Collab Hort (PO Wenatchee) 25E R WOLFORD MS Bact (PO Puyallup)

12C G WOODBRIDGE PhD Prof and Hort

Plant Pathology 12C G SHAW PhD Prof and Plant Path and Chmn of Dept

25M D AICHELE BS Plant Path (PO Prosser)

2E C BLODGETT PhD Collab in Plant Path (State Dept)

12G W BRUEHL PhD Assoc Prof and Assoc Plant Path

25D W BURKE PhD Path (PO Prosser)

25H B BUSDICKER BS Path and Supt Plant Pest Control

25P W CHENEY BS Collab Plant Path (PO Wenatchee)

2P C CHEO PhD Asst Plant Path (PO Wenatchee)
2PR L CLARK PhD Collab in Plant Path (PO Prosser)
2PR P COVEY PhD Asst Plant Path (PO Wenatchee)
2SS M DIETZ PhD Path

12RUBEN DURAN PhD Asst Prof and Asst Plant Path

2G D EASTON PhD Asst Plant Path (PO Prosser)

2L R FAULKNER PhD Asst Plant Path (PO Prosser)

12G W FISCHER PhD Prof and Plant Path
2P R FRIDLUND PhD Assoc Plant Path (PO Prosser)

2R L GABRIELSON PhD Asst Plant Path (PO Puyallup)

2C J GOULD PhD Plant Path (PO Puyallup)

12S O GRAHAM PhD Assoc Prof and Assoc Plant Path 2W A HAGLUND PhD Asst Plant Path (PO Mount Vernon)

25R O HAMPTON PhD Collab in Plant Path (PO Prosser)

12J W HENDRIX PhD Prof and Plant Path

25J A HOFFMAN BS Path 25C S HOLTON PhD Path

25W G HOYMAN PhD Path (PO Prosser)

2FOLKE JOHNSON PhD Plant Path (PO Puyallup)

25E L KENDRICK PhD Path

2H C KIRKPATRICK PhD Plant Path (coop US Weather Bur PO Wenatchee)

12S B LOCKE PhD Prof and Plant Path 30 C MALOY Jr PhD Ext Plant Path Spec

2G I MINK PhD Asst Plant Path (PO Prosser)

25C F PIERSON PhD Plant Path (PO Wenatchee)

25L H PURDY PhD Assoc Prof and Collab in Plant Path
25E L REEVES MS Path (PO Wenatchee)

25M J SILBERNAGEL PhD Collab in Plant Path (PO Prosser)

2C B SKOTLAND PhD Assoc Plant Path (PO Prosser) 25J T WALDHER BS Collab in Plant Path

Sociology (Rural) 11330

124W L SLOCUM PhD Prof and Rural Sociol and Chmn of Dept

12F I NYE PhD Prof and Rural Social and Actg Chmn

12E C ERICKSON PhD Asst Rural Sociol

3A A SMICK MS Ext Spec Community Organ

Veterinary Science

12J A HENDERSON DVM MS Dean of Vet Sci and Chmn of Dept

Veterinary Science -- Continued

12P B ANDERSON DVM Instrand Junior Vet

25GERALDINE MAPA BS Bact (PO Puyallup)
2BARBARA J DIVERS BS Junior Vet

12J S DUNLAP DVM MS Prof and Vet

125R K FARRELL DVM BS Lect

12R WH GILLESPIE PhD Assoc Prof and Assoc Bact 25J R GORHAM DVM PhD Collab in Vet Sci

2CM HAMILTON DVM (PO Puvallup)

3R I HOSTETLER DVM BS Ext Anim Health Spec

2D D HOUSE DVM Collab in Vet Sci (State Dept) (PO Puyallup)

2A C JERSTAD DVM VET (PO Puyallup)

12S G KENZY DVM PhD Prof and Vet and Chmn of Dept of Vet Microbiol

2H C LEE DVM Res Assoc

12W J MATHEY DVM PhD Assoc Prof and Assoc Vet 12TOBJORN MOLL DVM PhD Prof Vet Microbiol and Vet

2BARBARA J NEWMAN BS Junior Vet 2HIROSUKE SAKAWA DVM Res Assoc

Statistical Service

12T S RUSSELL PhD Assoc Sta Statis and Assoc Prof 12T P BOGYO PhD Asst Statis Genetics

Miscellaneous 11360

2D F ALLMENDINGER PhD Vice Dir of Sta(s) Puyallup)

1C A PETTIBONE BA Bus Mgr 12L W RASMUSSEN PhD Asst Dir of Sta(s) 2H P SINGLETON MS Vice Dir of Sta(s) (Prosser)

1L C STRAIT EdD Asst Prof and Asst to Dean of Col of Agr

14S P SWENSON PhD Chief Adv WSU Pakistan Field Party and Prof of Agron

2L W YOUNG MA Asst to Dir Washington Agr Expt Sta(s)

23W E ZUGER BA Fin Off

11370

Coastal Washington Expt Sta (PO Long Beach) 2C C DOUGHTY PhD Asst Hort and Supt

Dry Land Expt Sta (PO Lind)

2W L NELSON MS Assoc Agron and Supt Irrig Expt Sta (PO Prosser)

2H P SINGLETON MS Agron and Supt

Northwestern Washington Expt Sta (PO Mt Vernon)

2R A NORTON PhD Supt and Assoc Hort

Southwestern Washington Expt Sta (PO Vancouver) 2P C CRANDALL PhD Hort and Supt

Tree Fruit Expt Sta (PO Wenatchee)

2R C LINDNER PhD Plant Path and Supt

Western Washington Expt Sta (PO Puyallup)

2D F ALLMENDINGER PhD Hort and Supt

WEST VIRGINIA

College of Agriculture, Forestry, and Home Economics, The Agricultural Experiment Station, and The Agricultural Extension Service Of West Virginia University, Morgantown

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

11380

123P A MILLER PhD Pres of Univ 1J O KNAPP BS Actg Deam of Col (Area Code 304 Tel

542-6363 Ext 301) 12A H VanLANDINGHAM PhD Dir of Sta and Assoc Dean

of Col (Area Code 304 Tel 542-6363 Ext 305)

3E J NESIUS PhD Dir of Coop Ext Serv (Area Code 304 Tel 549-3411 Ext 637)

10 J BURGER PhD Dir of Resident Instr and Asst Dean of Col (Area Code 304 Tel 542-6363 Ext 303) 12Mrs FRANCENA L NOLAN PhD Dir of Home Econ and Asst Dean of Col

12W C PERCIVAL PhD Dir of Div of For and Asst Dean of Col

3H M BOWERS BS Asst Dir of Coop Ext Serv

123LOUISE KEENER BS Comptroller Dir of Bus Affairs of Univ Treas of Agr Expt Sta and Coop Ext Serv 1JOHN LUCHOK BSJ Univ Ed

Agronomy and Genetics

11390

12G G POHLMAN PhD Chmn of Dept Soil Sci Soil Bact 2Mrs MARIA H CARTLEDGE AB Res Asst

12E M JENCKS PhD Asst Prof Soil Sci Soil Chem

12M W JOHNSON Jr PhD Assoc Prof Agron Crop Brdg

12G A JUNG PhD Assoc Prof Agron Forage Crops 2H D LAYMAN BS Res Tech Genet Plants

3F J OLSEN Jr PhD State Ext Agron Spec

121 V SARKISSIAN PhD Assoc Prof Genet Plants
2SOH CHAO SHIH PhD Res Assoc Agron Forage Crops 12VALENTIN ULRICH PhD Assoc Prof Genet Plants

12W A van ECK PhD Assoc Prof Soil Sci For Soils 12COLLINS VEATCH PhD Prof Agron Weed Control

Animal Industry and Veterinary Science

11400

12R S DUNBAR Jr PhD Chmn of Dept Genet Anim 12R A ACKERMAN MS Asst Prof Dairy Sci Prod 12G C ANDERSON PhD Prof Anim Sci Nutr

12C B BOYLES MS Instr and Farm Supt

12LESLIE DOZSA DVM Assoc Prof Vet Sci Path

3J C EMCH MS State Ext Anim Husb Spec 3EDSEL GAINER MS State Ext Dairy Spec

3T R HASH BS State Ext Poultry Spec

12D J HORVATH PhD Assoc Prof Anim Sci Nutr

12H M HYRE MS Assoc Prof Anim Sci Poultry
2C E JOHNSON Jr MS Res Asst Anim Sci Physiol

2J R JOHNSON MS Res Asst Anim Sci Poultry

2W G JOHNSON BS Creamery Tech

2K M KERR DVM Res Assoc Vet Sci Path

12H E KIDDER PhD Prof Anim Sci Physiol 12J L McBEE Jr PhD Asst Prof Anim Sci Meats

12G A McLAREN PhD Prof Anim Sci Nutr

12R G MITCHELL PhD Assoc Prof Anim Sci Genet

3B W MOORE BS State Ext Poultry Spec

34W L NORTHERN MS State Ext Dairy Spec

124N O OLSON DVM Prof Vet Sci Path

3P A PHAR MS State Ext Anim Husb Spec 12R L REID PhD Asst Prof Anim Sci Nutr 1P M SMITH BS Instr and Supt Dairy Proc

12R H THOMAS PhD Assoc Prof Dairy Sci Mfg

3B W WAMSLEY Jr MS State Ext Anim Husb Spec

12S J WEESE MS Assoc Prof Dairy Sci Mfg

124J A WELCH PhD Prof Anim Sci Genet 2A W RICHARDS BS Res Asst

2G L SCHNEBERGER MS Res Asst

2SHIH-CHIEH CHEN BS Res Asst

Biochemistry (Agr)

12HOMER PATRICK PhD Chmn of Dept Agr Biochem Radiation 12W W LUCHSINGER PhD Assoc Prof Agr Biochem

Enzymes

12W G MARTIN PhD Asst Prof Agr Biochem Radiation 2Mrs SONDRA J MURRAY BS Res Asst 2R G NADEAU MS Res Asst Agr Biochem Nutr

Communications and Visual Aids

11420

2G D BENGTSON BS Assoc Agr Expt Sta Ed 3Mrs JOANNE W BOWIE AB State Ext 4-H and Home Econ Ed

2Å R COREY BSJ Asst Ed

123D R CREEL Photog

3J L FASCHING BS State Ext News Ed

3FOSTER MULLENAX BS State Ext Radio and TV Ed 3L G WATSON AB State Ext Ed

Economics (Agr) and Rural Sociology

12H C EVANS PhD Chmn of Dept Agr Econ Mktg 12W W ARMENTROUT PhD Prof Agr Econ Mktg

12A L BARR PhD Assoc Prof Agr Econ Prod 12J H CLARKE MS Prof Agr Econ Mktg 5R I COLTRANE MS Agr Econ Devlomt

12R L JACK PhD Asst Prof Agr Econ Consum Econ 3B M JOHN MS State Ext Rural Social Spec

2H C KRIESEL BS Res Assoc Agr Econ Price Anal

12K D McINTOSH MS Asst Prof Agr Econ Resource Devlomt

12P E NESSELROAD MS Asst Prof Agr Econ Farm Mgt

5A L PAVLICK PhD Agr Econ Devlpmt

3V M SHEPPARD Jr MS State Ext Econ Spec

12L M SIZER PhD Assoc Prof Agr Econ Rural Sociol 3R L STUMP BS State Ext Econ Econ Devipmt Prog Leader

3Mrs MARY E TEMPLETON MS Res Asst Agr Econ Statis

12G E TOBEN MS Prof Agr Econ Form Mat

Editorial-See Communications and Visual Aids

Education (Agr)

11440

11430

1R C BUTLER PhD Chmn of Dept Vocat Agr 13J J HARVEY PhD Assoc Prof and State Ext Prog

Training Leader 14W G KELLY MS Asst Prof Vocat Agr

IR V KERWOOD MS Asst Prof Vocat Agr

10 C McGHEE MS Asst Prof Vocat Agr

Engineering (Agr)

11450

12A D LONGHOUSE PhD Chmn of Dept Agr Engin Form Structures

3W E BELL BS State Ext Agr Engin Spec

12E B COLLINS MS Asst Prof Agr Engin Elec Power and Proc

12W H DICKERSON Jr MS Prof Agr Engin Soil and Water

12K C ELLIOTT BS Asst Prof Agr Engin Power and Mach 12R E EMERSON MS Assoc Prof Agr Engin Farm Shop 2H H HOWENSTEIN Res Tech

12R S PELL Mechanician

12R A PHILLIPS MS Asst Prof Agr Engin Power and Mach

3A W SELDERS MS State Ext Engin Spec Elec Power and Proc

Entomology-See Plant Pathology, Bacteriology, and Entomology

Extension Administration, Supervision, and 4-H Club Work

11460

3E J NESIUS PhD Dir of Coop Ext Ser 3H M BOWERS BS Asst Dir of Coop Ext Serv

3B L COFFINDAFFER PhD Area Dir Center for Appalachian Studies and Devlpmt (PO Parkersburg)

3H V CUTLIP AB State Ext 4-H Prog Leader and Camp Dir State 4-H Camp (PO Weston)

3M HILDA DAILEY MS State Ext Home Management Spec

3C P DORSEY MS State Ext 4-H Leader

3MILDRED FIZER MS State Ext 4-H Prog Leader

3Mrs ELEANOR M GLENN BS Dist Ext Home Demon Supvi

3Mrs BETTY A GUM MS State Ext 4-H YMW Prog Leader

13J J HARVEY PhD State Ext Prog Training Leader 3GERTRUDE HUMPHREYS AB State Ext Home Demon Leader

3C R KEMPER MS Dist Ext Agr Supvr

3Mrs JESSIE F LEMLEY BS Dist Ext Home Demon Supvr

3Mrs TANNER J LIVISAY MS State Ext Child Devlpmt Human Relat Spec (PO Princeton)

3WESLEY LYNCH MS State Ext Agr Prog Devlpmt Leader

Extension Administration, Supervision, and 4-H Club Werk -- Continued

3E W MILLER MS State Ext Rural Civil Defense Leader

3J L MORRIS MS Dist Ext Agr Supvr 3G S MYERS MS Dist Ext Agr Supvr

3Mrs HELEN QUARRICK MS Dist Ext Home Demon

3GLENN SNYDER Jr BS State Ext 4-H Prog Leader

11470

12W C PERCIVAL PhD Dir of Div For Protection

2J F L BELL BSF Assoc For For Prod(s) 3H P BERTHY MS State Ext Wood Util Spec

12Å B BRAWNER MWT Inst Wood Tech For Prod

1M G BROOKS MS Prof Wildlife Mgt
12J H BROWN MF Asst Prof For Silvice

12K L CARVELL DF Assoc Prof For Silvic 12A W GOODSPEED MF Prof For Mgt

1A E GRAFTON MSA Instr For Econ

12N D JACKSON MF Asst Prof For Mktg

12C B KOCH MS Asst Prof For Wood Util

12D L KULLOW MS Asst Prof Wood offi 3J W MOSER Jr MS State Ext For Spec 12D E NELSON NWT Res Asst For Mktg

12G L PRICE BSS Instr For Mgt
12R L SMITH PhD Asst Prof For Wildlife
12E H TRYON PhD Prof For Silvic

Home Economics 11480

12Mrs FRANCENA L NOLAN PhD Dir of Div Sociol Fam Relat

1Mrs BARBARA J N ARMSTRONG MS Instr Home Econ Home Mat

1Mrs GLADYS R AYERSMAN MS Asst Prof Home Econ Child Devlomt

ISARA A BROWN PhD Prof Home Econ Educ 1MONTELLE DIETRICH MS Assoc Prof Home Econ Textiles and Clothing

1BABETTE GRAF MS Asst Prof Home Econ Nutr

12R L JACK PhD Asst Prof Consumer Econ

1Mrs MARY R T JONES MS Assoc Prof Home Econ

3Mrs RUTH KNOCH JONES MS State Ext Clothing Spec IBETTY L RAMSEY MS Asst Prof Home Econ Housing and Design

3ELIZABETH A ROBERTS MS State Ext Spec (Foods and Nutr)

IC B TAYLOR PhD Asst Prof Social Fam Relat IRUTH E WEIBEL MS Instr Home Econ Clothing 12ELISABETH S YEARICK PhD Assoc Prof Biochem

Horticulture 11490

12E G SCOTT PhD Chmn of Dept Hort Plant Physiol
12W H CHILDS PhD Prof Hort Small Fruits and Berries

3C W COLLIER Jr MLA State Ext Landsc Arch

23W H CONKLE PhD State Ext Hort Spec Veg

12A P DYE MS Assoc Prof Hort Flor Ornam

12W R FORTNEY PhD Assoc Prof Hort Flor Omam

3N C HARDIN BS State Ext Gard Spec 2C E HICKMAN BS Res Asst Hort Veg

3MARY WASHBURN Staff Asst

12MORRIS INGLE PhD Asst Prof Hort Plant Physiol

12R S MARSH AM Prof Hort Fruits 120 M NEAL Jr PhD Prof Hort Flor Ornam

120 E SCHUBERT PhD Prof Hort Fruits IG E STEYERS MS Assoc Prof and Univ Landsc Arch Hort Flor Ornam

Office of Business Relations and Records 11500 123R J WATTS MS Supvr

Plant Pathology, Bacteriology, and Entomology 1151 12H L BARNETT PhD Chmn of Dept Phytopath Fungal

12R E ADAMS PhD Assoc Prof Phytopath Nematodal 12C K DORSEY PhD Prof Ent Chem Control

11520

11530

Plant Pathology, Bacteriology, and Entomology -- Continued

2J J EICHENMULLER MS Res Asst Phytopath Nematodal

12E S ELLIOTT PhD Assoc Prof Phytopath Dis Control

12M E GALLEGLY Jr PhD Prof Phytopath Host Resist-

12J A KOBURGER PhD Asst Prof Phytopath Bact

12J G LEACH PhD Prof Phytopath Dis Control 12V G LILLY PhD Prof Phytopath Fungal

3D O QUINN MS State Ext Plant Path and Ent Spec 12R P TRUE PhD Prof Phytopath Dis Control

12H A WILSON PhD Prof Phytopath Bact

Publications - See Communications and Visual Aids

35GEORGE SHARPE MS State Ext Soil Conserv Spec

123R J WATTS MS Asst Prof of Statis

Veterinary Medicine - See Animal Industry and Veterinary Science

Miscellaneous 11540

3G H BREIDING BS State Ext Prog Leader in Outdoor Rec (PO Wheeling)

2J G HALL BS Land Reclamation Spec

123H L WARNER MS Mechanician

11550

Ohio Valley Substa (PO Pt Pleasant)

23H F ROSS MS Asst Agron and Tobacco Spec and State Ext Tobacco Spec

2C B SPEROW Jr MS Asst Agron and Supt Field Crops Reedsville Expt Farm (PO Reedsville)

2L P STEVENS MS Supt Hort Veg(s)

Reymann Memorial Farms (PO Wardensville)

2C J CUNNINGHAM BS Assoc Anim Husb and Supt Large Anim

2J O HEISHMAN DVM Assoc Anim Path Vet Sci Expt University Expt Farm (PO Kearneysville)

23EDWIN GOULD BS Ent and Supt Insect Pests

23J G BARRAT PhD Spray Spec and State Ext Spray Spec Fruits

5E O HAMSTEAD MS Ent Insect Pests

2R S YOUNG PhD Res Fruit Spec

WISCONSIN

College of Agriculture and the Agricultural Experiment Station of the University of Wisconsin, Madison 6

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

11560

1F H HARRINGTON PhD Pres of Univ 123R K FROKER MA Dean of Col of Agr Dir of Sta Dir

of Agr Ext Serv (Tel 262-1251)

1E E HEIZER PhD Assoc Dir Internati Agr Prog 123R L HUGHES BS Exec Secy and Financial Off

123H R KLAGOS BS Asst to Exec Secy

IV E KIVLIN MS Assoc Dean of Col of Agr

1JOSEPHINE STAAB PhD Assoc Dean of Home Econ

1J F WILKINSON BS Dir of Farm Short Course 2R J MUCKENHIRN PhD Assoc Dir of Sta and Prof

2R W HOUGAS PhD Asst Dir of Sta and Prof 3H L AHLGREN PhD Assoc Dir of Agr Ext Serv

123J E ROSS PhD Spec Asst to Dean and Assoc Prof

12G W SLEDGE EdD Asst to Dean of Agr and Prof 2D O TRAINER PhD Asst Dir of Sta and Asst Prof

11570

123D C SMITH PhD Prof and Chmn of Dept

Agronomy-Continued

12RH ANDREW PhD Prof Agron

12Z M ARAWINKO MS Asst Prof Agron

12DC ARNY PhD Prof Agron (also Plant Path) 3E A BRICKBAUER BS Assoc Prof Agron

12K P BUCHHOLTZ PhD Prof Agron

2J R DAVIS BS Instr Agron 3R E DOERSCH PhD Asst Prof Agron

12P N DROLSOM PhD Assoc Prof Agron

12J A EASTIN PhD Asst Prof Agron

12R A FORSBERG PhD Asst Prof 2DJ HAGEDORN PhD Prof Agron (Also Plant Path)

2REUBEN JAMES BS Asst Prof Agron

12C A KUST PhD Asst Prof Agron
2N P NEAL PhD Prof Agron (Also Genetics)

15E LNIELSEN PhD Prof Agron 3D A ROHWEDER PhD Assoc Prof

12J M SCHOLL PhD Prof Agron

12H L SHANDS PhD Prof Agron

25R G SHANDS PhD Prof Agron

12D W SMITH PhD Prof Agron
25W K SMITH PhD Prof Agron (Also Genetics)

2A M STROMMEN MS Prof Agron (PO Spooner)

11580

11600

12J M SUND MS Assoc Prof Agron 12J H TORRIE PhD Prof Agron

2W L VANDERVEST MS Asst Prof Agron

Bacteriology 12W B SARLES PhD Prof and Chmn of Dept

120 N ALLEN PhD Prof Bact 11 L BALDWIN PhD Prof Bact (also Spec Asst to Pres)

12E M FOSTER PhD Prof Bact

12W C FRAZIER PhD Prof Bact 2H O HALVORSON PhD Prof Bact

12R P HANSON PhD Prof Bact (also Vet Sci)

12S G KNIGHT PhD Prof Bact

2Mrs MILDRED G KONGSMARK MS Instr Bact

12ELIZABETH F McCOY PhD Prof Bact

12DAVID PRATT PhD Asst Prof Bact

12K B RAPER PhD Prof Bact (also Bot L & S)

12J B WILSON PhD Prof Bact 12P W WILSON PhD Prof Bact

Biochemistry 11590

12R H BURRIS PhD Prof and Chmn of Dept Plant Biochem 12J JULIUS ADLER PhD Assoc Prof Biochem (also

Genet) Molecular Genet 12LAURENS ANDERSON PhD Prof Biochem Corbo-

hydrates

12C A BAUMANN PhD Prof Biochem Nutr 12R M BOCK PhD Prof Biochem Phys Biochem

12W W CLELAND PhD Assoc Prof Biochem Enzyme

Kinetics

2H F DELUCA PhD Assoc Prof Biochem Metabolism 12G H ECHOLS Jr PhD Assoc Prof Biochem Molecular Genet

12J C GARVER PhD Assoc Prof Biochem Biochem Engr

2W B GRIEM MS Collab (Wis Dept Agr) 12W G HOEKSTRA PhD Assoc Prof Biochem Nutrition

12M J JOHNSON PhD Prof Biochem Microbial Biochem

12P J KAESBERG PhD Prof Biochem Biophys
1H G KHORANA PhD Prof Biochem Nucleic Acids

1H A LARDY PhD Prof Biochem (also Enzyme Inst) Intermediary Metabolism 12K P LINK PhD Prof Biochem Anticoagulants

12P H PHILLIPS PhD Prof Biochem Nutrition

12H RASMUSSEN PhD MD Assoc Prof Biochem Hor-

12M A STAHMANN PhD Prof Biochem Plant Biochem

12F M STRONG PhD Prof Biochem Natural Prod 2J W SUTTIE PhD Asst Prof Biochem Fluorine Toxi-

cosis

Dairy and Food Industries 12H E CALBERT PhD Prof and Chmn of Dept

Dairy and Food Industries-Continued

2C H AMUNDSON PhD Asst Prof Dairy and Food Indus

3M P DEAN MS Assoc Prof Dairy and Food Indus

2C A ERNSTROM PhD Assoc Prof Dairy and Food Indus

20 R FENNEMA PhD Asst Prof Dairy and Food Indus 2N F OLSON PhD Assoc Prof Dairy and Food Indus 12WD POWRIE PhD Assoc Prof Dairy and Food Indus

12W V PRICE PhD Prof Dairy and Food Indus

12T RICHARDSON PhD Asst Prof Dairy and Food Indus

12A M SWANSON PhD Prof Dairy and Food Indus
13L C THOMSEN BS Prof Dairy and Food Indus

2J L TSCHERNITZ PhD Asst Prof Dairy and Food Indus 23JOACHIM VON ELBE PhD Asst Prof Dairy and Food

Indus

3M R WAHL BS Asst Prof Dairy and Food Indus

13E WALLENFELDT MS Prof Dairy and Food Indus

12K G WECKEL PhD Prof Dairy and Food Indus 12W C WINDER PhD Prof Dairy and Food Indus

Dairy Science 11610 12R P NIEDERMEIER PhD Prof and Chmn of Dept Anim Nutr

12G R BARR PhD Asst Prof Anim Brdg

12B R BAUMGARDT PhD Assoc Prof Dairy Science Anim Nutr

2A L BRIESKE BS Inst Dairy Sci Anim Brdg 3A N BRINGE MS Asst Prof Dairy Sci

3J W CROWLEY PhD Prof Dairy Sci

1E E HEIZER PhD Prof (also Internatl Agr Prog)

2R D LANCE BS Instr Dairy Sci Anim Nutr

12H J LARSEN PhD Asst Prof Dairy Sci Anim Nutr

3C C OLSON MS Asst Prof Dairy Sci 2V E SACHSE BS Instr Dairy Sci Anim Brdg

12L H SCHULTZ PhD Prof Dairy Sci Physiol 3A G SENDELBACH PhD Asst Prof Dairy Sci

3E E STARKEY PhD Assoc Prof Dairy Sci

12W J TYLER PhD Prof Dairy Sci (also Genet) Anim

Brdg

3G M WERNER BS Prof Dairy Sci

12D A WIECKERT PhD Asst Prof Animal Brdg

1H G WILSON BS Instr Dairy Sci

12CE ZEHNER BS Asst Prof Dairy Sci Genet and Nutr

Economics (Agr) 11620

12H W HALVORSON MS Prof and Chmn of Dept

12A R ALLEN LLB Lecturer (Also Asst Prof Ext Law) 3LOUISE ARCHBOLD MS Asst Prof (Also Home Econ)

12H H BAKKEN MA Prof Agr Econ 23D L BAWDEN MS Asst Prof

2R C BUSE PhD Assoc Prof Agr Econ 5R A CHRISTIANSEN PhD Collab Agr Econ

1R J CLARK PhD Asst Prof Agr Econ

1R L CLODIUS PhD Prof Agr Econ & Vice Pres Acad Affairs

12H L COOK PhD Prof Agr Econ

23RICHARD DAY PhD Asst Prof (Also Econ)
23P P DORNER PhD Prof Agr Econ

123R K FROKER MA Prof Agr Econ and Dean & Dir of Col of Agr

23T F GRAF PhD Prof Agr Econ

23F W GROVES PhD Asst Prof Agr Econ

12KATHLEEN HAYGOOD PhD Inst (Also Econ)

12P G HELMBERGER PhD Asst Prof Agr Econ

23R G JOHNSON PhD Asst Prof Agr Econ 12DON KANEL PhD Assoc Prof 5H D KIMBALL PhD Collab Agr Econ

IADLOWE LARSON PhD Prof Agr Econ and Dir Coop Center

12C W LOOMER PhD Prof Agr Econ

23W B LORD MS Asst Prof Econ and For

23W P MORTENSON PhD Assoc Prof Agr Econ

4W F MUELLER PhD Prof Agr Econ 12K H PARSONS PhD Prof Agr Econ

123R J PENN PhD Prof Agr Econ

23G A PETERSON PhD Assoc Prof Agr Econ 4G C PULVER PhD Assoc Prof Agr Econ

Economics (Agr)-Continued

3R E RIECK PhD Assoc Prof Agr Econ

1MORTON ROTHSTEIN PhD Asst Prof Agr Econ (Also Hist)

3W A ROWLANDS PhD Prof Agr Econ

12M A SCHAARS PhD Prof Agr Econ
123J R SCHMIDT PhD Assoc Prof Agr Econ

3V E SCHNEIDER PhD Asst Prof Agr Econ

23J A SCHOENEMAN PhD Assoc Prof (Also Hort)
12S D STANIFORTH PhD Prof Agr Econ

3R H VILSTRUP PhD Inst (Also Meat and Anim Sci)
1H H WEBSTER PhD Assoc Prof (Also Forestry)
3D A YANGGEN PhD Asst Prof Agr Econ

Editorial-See Journalism (Agr)

Education (Agr and Ext)

11630

1W T BJORAKER PhD Prof and Chmn of Dept

1AARON BOHROD Artist in Residence 13P G BOYLE PhD Assoc Prof Agr Educ 13J A DUNCAN PhD Assoc Prof Agr Educ

3R E GARD MS Prof Agr Educ

1J W HENSEL PhD Asst Prof 3E O HUGDAHL MS Assoc Prof Agr Educ (Also Ext Div

1B W KREITLOW PhD Prof Agr Educ (Also Sch of Educ)

3E R SARIG MM Prof Agr Educ (Also L & S Music and Ext)

3J A SCHINNELLER MFA Assoc Prof Agr Educ (Also Art Educ Ext)

13J A SCHWALBACH MS Prof Agr Educ (Also Radio-TV Educ & Ext)

12G W SLEDGE EdD Prof Agr Educ (Also Agr Admin)

Engineering (Agr)
12H D BRUHN MS Prof Agr Engin and Chmn of Dept 11640

Power and Mach

3G D BARQUEST PhD Asst Prof Agr Engin 4-H Mechanics

12G P BARRINGTON MS Assoc Prof Agr Engin Power and Mach

3C L BARTH MS Asst Prof Agr Engin Structures
3O I BERGE MS Prof Agr Engin Power and Mach
3T J BREVIK MS Assoc Prof Agr Engin Structures
3L A BROOKS MS Asst Prof Agr Engin Farm Elec

3E G BRUNS MS Assoc Prof Agr Engin Structures

2C O CRAMER MS Asst Prof Agr Engin Structures
5B F DETROY BS Collab
12M F FINNER MS Asst Prof Agr Engin Power and Mach

3J L HALDERSON MS Instr Materials Handling

3D V JENSEN BS Asst Prof Agr Engin Civil Defense 3L R MASSIE MS Instr Agr Engin Soil and Water

Conserv

2L G MORRISSEY BS Instr Agr Engin Structures 1D J STITH BS Asst Prof Agr Engin Structures

3R C SWANSON BS Assoc Prof Agr Engin Farm Safety

12S A WITZEL MS Prof Agr Engin Structures

Entomology 12R J DICKE PhD Prof Ent and Chmn of Dept Insect Physiol Morphol Med

12J W APPLE PhD Prof Ent Chem Control 12S D BECK PhD Assoc Prof Ent Insect Physiol morphol

2D M BENJAMN PhD Assoc Prof Ent For 12R K CHAPMAN PhD Prof Ent Truck Crops 2H C COPPEL PhD Assoc Prof Ent For

12G R DEFOLIART PhD Assoc Prof Ent Med and Taxon

12D A EVANS Inst

3E H FISHER PhD Prof Ent

2W L HILSENHOFF PhD Asst Prof Control

2E P LICHTENSTEIN PhD Assoc Prof Ent Control

3J L LIBBY PhD Asst Prof Ent

12J T MEDLER PhD Prof Ent Taxon

25F E MOELLER Asst Prof Apic

2D M NORRIS PhD Assoc Prof Ent For

11650-11730 Wisconsin

Entomology-Continued

12R D SHENEFELT PhD Prof Ent Taxon

11660

Extension Administration
3H L AHLGREN PhD Assoc Dir in Charge 3MARLYS R RICHERT PhD Asst Dir of Home Econ (Prof)

3F N CAMPBELL MS Asst Dir 4-H & YMW (Assoc Prof)

123R L HUGHES BS Fiscal Off (Assoc Prof)

3J M MACKEY MS Asst Dir Personnel Devlpmt (Assoc Prof)

3G L VANDEBERG PhD Asst Dir Prog Devlpmt (Prof)

3D N WILLIAMS BS Asst Dir Agr (Prof)

3J W APPS MS Asst State Leader 4H (Asst Prof) 3W D BEAN BS Dist Ext Leader (Assoc Prof)

3B L CARTTER MS Asst State Leader 4-H (Prof) 3ELIZABETH DAVIES MS Asst State Leader 4-H (Assoc Prof)

3GEORGE DEHNERT MS Dist Ext Leader (Assoc Prof)

3ELIZABETH A ELLIOTT MS Asst State Leader of Home Econ (Asst Prof)

3NORMAN EVERSON MS Asst State Leader 4-H (Inst) 3J A EVERTS MS Asst State Leader 4-H (Asst Prof) 3ANITA M GUNDLACH MS Asst State Leader Home Econ (Prof)

3AGNES M HANSEN MA Asst State Club Leader (Prof) 3M C HANSON BE Asst State Club Leader (Asst Prof) 3PRISCILLA HARGRAVES BS Asst State Leader Home Econ (Asst Prof)

3FLORENCE G RANN MA Asst State Leader Home Econ (Assoc Prof)

3L G SORDEN BS Admin Asst (Asst Prof)

3R B SCHUSTER MS Dist Ext Leader (Assoc Prof) 3SARA STEELE PhD Asst State Leader Home Econ (Asst Prof)

3V V VARNEY BS Asst State Leader of 4-H Clubs (Prof)

3OSCAR WOELFEL MS Dist Ext Leader (Assoc Prof) 23G L WRIGHT BS Admin Asst (Prof)

Forestry 11670

12T T KOZLOWSKI PhD Prof For and Chmn of Dept

3G R CUNNINGHAM MS Asst Prof

12D T LESTER PhD Asst Prof 3T A PETERSON MF Instr For

12H H WEBSTER PhD Assoc Prof For Mat

11680

12M R IRWIN PhD Prof and Chmn of Dept

12R A BRINK DSc Prof Genet

12L E CASIDA PhD Prof Genet

12A B CHAPMAN PhD Prof Genet

12W E COLLINS MS Instr Genet

12D C COOPER PhD Prof Genet

12J F CROW PhD Prof Genet (Also L & S Zool and Med Sch)

1A S FOX PhD Prof

25R W HOUGAS PhD Prof Genet (Also Hort) and Asst Dir Agr Exp Sta

12E K INSKEEP MS Instr Genet

1J L KERMICLE PhD Asst Prof

1MASAYASU NOMURA PhD Assoc Prof

5S J PELOQUIN PhD Assoc Prof Genet (Also Hort)

25R M SHACKELFORD PhD Assoc Prof Genet (Also Meat and Anim Sci)

20LIVER SMITHIES PhD Assoc Prof Genet (Also Med Genet)

12W H STONE PhD Prof Genet

125FREDRICK STORMSHAK MS Instr Genet 1MILLARD SUSMAN PhD Asst Prof Genet

Home Economics, School of 11690

1JOSEPHINE STAAB PhD Prof and Assoc Dean

Home Economics, School of-Continued CLOTHING AND TEXTILES

1EMMA M JORDRE MS Prof and Chmn of Dept 12MARGARET M COOPER PhD Prof 3RUTH DIEZ MS Asst Prof 3LENORE L LANDRY MS Assoc Prof 1Mrs HAZEL B PASCHALL MA Prof 1FERN H RENNEBOHM MS Asst Prof 1MARY E ROACH PhD Asst Prof

FOODS AND NUTRITION

12Mrs DOROTHY H STRONG PhD Prof and Chmn of Dept

3MARY E BEELER MS Asst Prof 12BEATRICE DONALDSON PhD Prof 3CHARLOTTE M DUNN MS Asst Prof 1R ELAINE FOUND MS Instr 12HELLEN M LINKSWILER PhD Prof 12MAXINE McDIVITT PhD Prof 1Mrs IVA R MORTIMER PhD Prof

12Mrs GRACE L OSTENSO PhD Asst Prof 12DAN E PRATT PhD Asst Prof 2Mrs DOROTHY R PRINGLE PhD Prof

1Mrs HELEN ROSSMILLER MS Instr

HOME ECONOMICS EDUCATION

IJULIA DALRYMPLE PhD Prof and Chmn of Dept (Also Sch of Educ)

13NELLIE R McCANNON MS Assoc Prof 13MARLYS R RICHERT PhD Assoc Prof 13SARA M STEELE MS Instr 1ALICE P WHITE MS Instr 1RITA L YOUMANS EdD Prof

HOME MANAGEMENT AND FAMILY LIVING 12HELEN C DAWE PhD Prof and Chmn of Dept 2LOUISE S ARCHBOLD MS Asst Prof 3Mrs KATHERINE B BAILEY MS Assoc Prof 1Mrs KATHRYN R BEACH MS Prof 3Mrs REGINIA M CHADWICK MS Asst Prof 1HELEN M CRAMER MA Asst Prof 1Mrs GEORGIANNA ENGSTROM MS Instr 1Mrs SUZANNE FEDERER MS Instr 3Mrs MARION E LONGBOTHAM MS Assoc Prof 1Mrs HELEN ROSSMILLER MS Instr 1MADELINE J THORNTON MD Lect 1AURELIA WAY MS Asst Prof 3Mrs VIOLA H WILKINSON MS Prof 3LOUISE A YOUNG MS Prof

RELATED ART 1Mrs AGNES O LEINDORFF MS Prof and Chmn of Dept 1HELEN L ALLEN MA Prof

1Mrs RUTH F DAVIS MS Prof 1MILDRED A GAHRSEN MA Assoc Prof

3JANE GRAFF MA Asst Prof 3GERTRUDE A HOFFMANN MS Assoc Prof

1AGATHA A NORTON MS Assoc Prof 1Mrs MATHILDA E SCHWALBACH MS Assoc Prof

1JEAN STANGE MA Assoc Prof

Horticulture 11730 1230 B COMBS MS Prof and Chmn of Dept

12G E BECK PhD Assoc Prof Hort Flor

23L M BERNINGER PhD Asst Prof Hort Flor 3DAVID CURWEN PhD Asst Prof Veg Crops 12M N DANA PhD Assoc Prof Hort Pomol

12W H GABELMAN PhD Prof Hort Veg Crops

23F A GILBERT PhD Prof Hort (PO Sturgeon Bay) Pomol 23E T HALTVICK PhD Asst Prof Hort Veg Crops
12E R HASSELKUS PhD Asst Prof Hort Woody Ornam

12L G HOLM PhD Prof Hort

2ROBERT HOUGAS PhD Prof Hort Veg Crops (Also Genet) and Asst Dir Agr Exp Station

3G C KLINGBEIL MS Assoc Prof Hort Pomol

12L R LANGORD BS Inst Hort Pomol

1G W LONGENECKER MS Prof Hort Landsc Arch

3R C NEWMAN MS Inst Hort

25W B OGDEN MS Assoc Prof Hort

Horticulture-Continued

- 2S J PELOQUIN PhD Assoc Prof Hort Veg Crops (Also Genet)
- 2L A PETERSON PhD Asst Prof Hort
- 2R W ROSS BS Instr Hort (PO Sturgeon Bay)
- 2P R ROWE PhD Asst Prof Veg Crops
- 23J A SCHOENEMANN PhD Assoc Prof Hort Veg Crops 2B E STRUCKMEYER PhD Assoc Prof Hort
- 2T W TIBBITTS PhD Asst Prof Hort Veg Crops
- 2G G WEIS BS Instr Hort Veg Crops
- 3G A ZIEGLER BS Asst Prof Hort Landsc Arch
- 1E H ZUBE MLA Asst Prof Hort Landsc Arch

Journalism (Agr)

- 123B E KEARL PhD Prof and Chmn of Dept
- 3F A ALBERT BA Asst Prof Motion Pictures
- 13L R BOSTIAN PhD Assoc Prof Pubs
- 2M R BROWN MS Instr Res Rpts
- 13CLARCN BURNETT PhD Assoc Prof Vis Aids
- 13J H FETT MS Instr Gen Assignments
- 3ARDYCE E HARING MS Instr Pubs
- 13Mrs ALINE W HAZARD BS Asst Prof Radio
- 12GRACE E LANGDON MA Assoc Prof (Emeritus) 3L L MAURER MS Instr Press
- 123NELLIE R McCANNON MS Assoc Prof Home Econ
- 12R D POWERS PhD Assoc Prof Res Rpts
- 123J E ROSS PhD Assoc Prof Press 123ARDIS THVEDT MS Asst Prof Illus
- 123M E WHITE PhD Prof Radio
- 3P V WILLOUGHBY BA Asst Prof Exhibits

Meat and Animal Science

11750

11760

11740

- 12R W BRAY PhD Prof Meat and Anim Sci and Chmn of Dept
- 12E J BRISKEY PhD Assoc Prof Meat and Anim Sci
- 12V H BRUNGARDT PhD Asst Prof Meat and Anim Sci
- 3L L FELTS PhD Assoc Prof Meat and Anim Sci
 12N L FIRST PhD Asst Prof Meat and Anim Sci
 3F J GIESLER MS Prof Meat and Anim Sci
- 12R H GRUMMER PhD Prof
- 12B H GUNDERSON Spec Livestock Mgt
- 12B P HAASL MS Asst Prof Meat and Anim Sci
- 12E R HAUSER PhD Assoc Prof Meat and Anim Sci
- 12E H HOCH BS Instr Meat and Anim Sci 3Q E KOLB MS Asst Prof Meat and Anim Sci
- 12THOMAS McKENZIE Instr Meat and Anim Sci
- 12A L POPE PhD Prof Meat and Anim Sci
- 2R M SHACKELFORD PhD Assoc Prof Meat and Anim Sci (Also Genetics)
 - 3R H VILSTRUP PhD Asst Prof

National Agricultural Extension Center for Advanced Study

- 12R C CLARK PhD Prof and Dir 1G L CARTER Jr PhD Assoc Prof Ext Ed
- 12C M FERGUSON BS Prof Ext Ed

 1G V FUGUITT PhD Assoc Prof Rural Sociol
- 123R LHUGHES BS Assoc Prof
- 1A C JOHNSON PhD Assoc Prof (Also Sch of Com L & S)
- 1JANE KLINGMAN MS Asst Prof
- 2GRACE LANGDON MA Assoc Prof

Plant Pathology

- 11770 12G S POUND PhD Prof and Chmn of Dept Host
- resistance Viral
- 12D C ARNY PhD Prof Plant Path Dis control-chemical Host resistance
- 12M P BACKUS PhD Prof Plant Path (Also L & S Bot) Fungal Mycol
- 12K R BARKER PhD Asst Prof Plant Path Nematodal 12J G BERBEE PhD Asst Prof Plant Path For Dis
- 125DONALD BOONE PhD Assoc Prof Plant Path
- 123H M DARLING PhD Prof Plant Path Dis controlother Nematodal
- 25A D DICKSON PhD Collab Plant Path

Plant Pathology --- Continued

- 125R D DURBIN PhD Assoc Prof Plant Path Dis Physiol
 12R W FULTON PhD Prof Plant Path Viral
- 12D J HAGEDORN PhD Prof Plant Path Dis Resistance Fungal Viral
- 125E W HANSON PhD Prof Plant Path Disease Resistance Fungal
- 12E H HERRLING BS Instr Plant Path Photog
- 12A C HILDEBRANDT PhD Prof Plant Path Bacterial Omam Dis
- 12J E KUNTZ PhD Prof Plant Path For Dis
- 12J E MITCHELL PhD Prof Plant Path Dis Control-chem
- 125J D MOORE PhD Prof Plant Path Dis Control-Chem Viral
- 12R F PATTON PhD Assoc Prof Plant Path For Dis 12LUIS SEQUEIRA PhD Assoc Prof Plant Path
- Bacterial Dis Physiol
- 12E B SMALLEY PhD Asst Prof Plant Path Fungal
- 13E K WADE MS Prof Plant Path
- 12P H WILLIAMS PhD Asst Prof Plant Path Dis Physiol Host resistance
- 13GAYLE WORF PhD Asst Prof Extension

Poultry Science

- 123H R BIRD PhD Prof and Chmn of Dept 3G E ANNIN MS Prof Poultry Sci

 - 12F L CHERMS Jr PhD Assoc Prof Poultry Sci
 - 12R W HALLER MS Instr Poultry Sci
 - 12W H McGIBBON PhD Prof Poultry Sci
 - 2J H SKALA PhD Asst Prof Poultry Sci 3J L SKINNER MS Assoc Prof 12M L SUNDE PhD Prof Poultry Sci

Sociology (Rural)

11780

- 12D G MARSHALL PhD Prof and Chmn of Dept Social Demography
- 12G L BULTENA PhD Asst Prof Group Interaction and Social Attitudes
- 2R C CLARK Jr PhD Prof Rural Sociol
- 12G V FUGUITT PhD Assoc Prof Rural Social Statis
- 1A E HAVENS PhD Asst Prof 13D E JOHNSON MS Asst Prof Rural Social Group Interaction Leadership Social Attitudes
 - 1G M SCHULTZ MA Asst Prof Design Cartography
 - 12W K WARNER PhD Asst Prof Rural Social Group Interaction Leadership
 - 13A F WILEDEN MS Prof Rural Social Group Interaction Leadership
 - 12E A WILKENING PhD Prof Rural Social

Soils

- 11800 124L E ENGELBERT PhD Prof and Chmn of Dept Soil
- Chem and Plant Nutr
- 120 J ATTOE PhD Prof Soils Soil Chem and Plant Nutr 3M T BEATTY PhD Assoc Prof Soils (Also State Geol)
 - Soil Surv Interpretation
- 12K C BERGER PhD Prof Soils Soil Chem and Plant Nutr
- 1GORDON CHESTERS PhD Asst Prof Soils Soil Organic Chem
- 12R B COREY PhD Assoc Prof Soils Soil Chem
- 3I O HEMBRE MS Assoc Prof Soils Soil and Water
- 1F D HOLE PhD Prof Soils (Also State Geol) Soil Genesis and Classif
- 3H H HULL PhD Asst Prof Soils Soil Testing
- 12M L JACKSON PhD Prof Soils Soil Chem
- 12G B LEE PhD Assoc Prof Soils (Also State Geol) Soil Genesis and Classif
- 12J R LOVE PhD Assoc Prof Soils Soil Chem and Plant
- 2E E MILLER PhD Prof Soils Soil Phys
- 2J T MURDOCK PhD Assoc Prof Soils Soil Chem and Plant Nutr
- 3C C OLSEN MS Asst Prof Soils Soil Testing

11860

11870

Soils-Continued

2A E PETERSON PhD Assoc Prof Soils Soil and water Conservation

12C B TANNER PhD Prof Soils Soil Phys

3L M WALSH PhD Asst Prof Soils Soil Chem and Plant Nutr

3R A WIESE PhD Asst Prof Soils Soil Testing

12S A WILDE DSc Prof Soils For Soils

Veterinary Sciences 11810

123CARL OLSON PhD Prof and Chmn of Dept Path Exp Compar Cytopathology and Histopathology

12D T BERMAN PhD Prof Vet Sci Bact Immunol Antigensantibody Reaction Hypersensitivity Infection and Resistance

12H G BLOBEL PhD Assoc Prof Vet Sci Bact Immunol

3C W BURCH DVM Prof Vet Sci 2B C EASTERDAY PhD Assoc Prof Vet Sci Virol— Enteric Viruses Respiratory Viruses

3R E HALL DVM Asst Prof Vet Sci 12R P HANSON PhD Prof Vet Sci Virol-Arbor Viruses Respiratory Viruses Epidemiology

12T ADEUSZ KOWAL CZYK DVM MS Assoc Prof Vet Sci Path-Clin

12S H McNUTT DVM Prof Vet Sci Path Compar

12R E NICHOL'S PhD Prof Vet Sci Physio-metabolism Physiol-gastro-enterology Pharmacol-toxicol

12A C TODD PhD Prof Vet Sci Parasitol

2D O TRAINER PhD Asst Prof Vet Sci Fish & Wildlife-Population Dynamics Epidemiology

2LOUISE WIPF PhD Asst Prof Vet Sci Microtechnics

Wildlife Management

11820

12R A McCABE PhD Prof Wildlife Mgt and Chmn of Dept 23R S ELLARSON PhD Assoc Prof Wildlife Mgt

12J J HICKEY PhD Prof Wildlife Mgt
12L B KIETH PhD Asst Prof Wildlife Mgt

Miscellaneous

11830

3E M PITTENGER BA BLS Libr (Assoc Prof)

Experimental Farms

11840

Arlington, Ashland, Hancock, LaCrosse, Lake Mills Marshfield, Spooner, Sturgeon Bay Stas

23D R PETERSON PhD Assoc Prof Dir Expt Forms (PO Madison)

23G L WRIGHT BS Prof in Chg Outlying Stas (PO Madison)

12V W MATTHIAS MS Assoc Prof in Chg Madison & Arlington Stas (PO Madison)

23F A GILBERT PhD Prof Exptal Farms (PO Sturgeon Bay)

2M D GROSKOPP MS Assoc Prof Expt Forms (PO Hancock)

2J W DEPPE BS Asst Prof Expt Forms (PO Lake Mills) 2M L JONES MS Instr Expt Forms (PO Ashland)

2R F JOHANNES MS Prof Expt Farms (PO Marshfield)

2C H MUELLER BS Instr Expt Forms (PO Honcock) 2W J PAUL'SON PhD Asst Prof Expt Farms (PO

Lancaster)

2C O RYDBERG BA Asst Prof Expt Farms (PO Spooner)
2A M STROMMEN MS Prof Expt Farms (PO Spooner)

2G R TENPAS MS Assoc Prof Expt Forms (PO Ashland)

WYOMING

College of Agriculture and the Agricultural Experiment Station of the University of Wyoming, University Station-PO Box 3354 Laramie

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

11850

123G D HUMPHREY PhD Pres of Univ

123N W HILSTON PhD Dean of Col of Agr and Dir of Expt Sta (Tel Area Code 307 745-8511 Ext 251-252)

123J W OXLEY PhD Asst Deam of Col of Agr and Asst Dir of Expt Sta (Tel Area Code 307 745-8511 Ext 251-252)

23G H STARR PhD Dir of Ext (Tel Area Code 307 745-8511 Ext 295-350)

13L F SCHILT MS Asst Dir of Ext

123E G HAYS BS Dir of Fin and Budget and Dep Treas
123W E YAKSE BS Dep Dir of Fin and Budget

Agricultural Economics, Division of

12ANDREW VANVIG PhD Prof and Head of Div

3D E AGEE MS Ext Agr Econ (Instr) 12R L EHRICH MS Asst Prof

3R F FRARY MS Ext Agr Econ (Farm Mgt) (Asst Prof)
12V W HOUSE BS Supply Instr
12W G KEARL MS Asst Prof

34EARL MONCUR MS Ext Agr Econ (Asst Prof)

12W P ROBERTS Jr MS Instr 12J S ST CLAIR PhD Prof

12W D SCHUTZ PhD Assoc Prof 3J W SLADE Jr MS Ext Mktg Spec (Supply Instr)

12D M STEVENS PhD Assoc Prof

Agricultural Information, Office of

23G J GRAHAM MS Head of Off

23W R EASTMAN Jr MS Ext Vis Aids Spec 23Mrs MARY S HARRIS MS News Ed

23GERALD JENNY MS Pubs Ed

Animal Science, Division of

12P O STRATTON PhD Prof and Head of Div

12M P BOTKIN PhD Prof (Sheep)

124D C BROWN MS Asst Prof (Dairy Husb) 12R H BURNS PhD Prof (Wool)

12D D DEANE PhD Assoc Prof (Dairy Mfg) 3K B ELLIS BS Ext Poultryman (Asst Prof)

3E K FAULKNER MS Ext Livestock Spec (Sheep and

Swine) (Asst Prof)
12R A FIELD PhD Asst Prof (Meats)

123ALAN HEROLD Supply Instr (Wool) 12D C HUTTO MS Instr (Poultry)

12ALEXANDER JOHNSTON MS Prof (Wool)

123C J KERCHER PhD Prof (Nutr)

12S A LARSEN BS Instr (Wool)
125G E NELMS PhD Asst Prof (Anim Brdg Beef Cattle)
1234L C PARKER PhD Asst Prof (Wool)

12R W RICE PhD Asst Prof (Nutr)

123C O SCHOONOVER PhD Ext Livestock Spec (Beef) Assoc Prof (Meats)

3I W SLATER BS Ext Dairyman (Asst Prof)

12C P STROBLE PhD Asst Prof 12W R THOMAS PhD Assoc Prof (Dairy Mfg) 12R C THOMPSON MS Instr (Nutr Beef Cattle)

12T R VARNELL PhD Asst Prof (Nutr)

Biochemistry, Division of 12R J McCOLLOCH PhD Prof and Head of Div

20 A BEATH MS Prof Emeritus

2Mrs MARGARET H CORBRIDGE BS Instr

12W W ELLLIS PhD Assoc Prof 2H F EPPSON MS Assoc Prof (Met) 12C S GILBERT MA Prof

12J W HAMILTON PhD Assoc Prof

12G J MILLER PhD Prof 12IRENE ROSENFELD PhD Prof

Extension Administration

11890

11880

3A D ASHMENT MS County Agt Supvr (Asst Prof) 3E JOYCE CROFT MS Assoc State 4-H Club Leader (Instr)

3L R HARRISON MS Asst State 4-H Club Leader (Instr) 3Mrs HELEN K MABREY MS State Home Demon Leader (Assoc Prof)

Extension Administration-Continued

3J M NICHOLLS BS State 4-H Club Leader (Instr)

Home Economics, Division of

12MARGARET M BOYLE MS Prof and Head of Div 12Mrs MARGARET S BOYD MS Asst Prof (Foods and

3PAULINE BUNTING MS Ext Home Furnishing Spec (Assoc Prof)

12YET-OY CHANG PhD Assoc Prof (Nutr Res) 3Mrs ELEANOR J COCHRANE MS Ext Spec in Foods

and Nutr (Asst Prof)

12MARTHA W DICKS PhD Assoc Prof (Nutr) 1Mrs MARJORIE J GORMAN MS Instr

3HELEN G MILLER MS Ext Home Mgt Spec (Asst Prof) 12Mrs MARILYN M SKELTON MS Asst Prof (Foods and Nutr

3MARTHA J ULRICH MS Ext Clothing Spec (Asst Prof) 12Mrs MARJORIE WASSERBURGER MS Instr (Form Life) 1LOUISE WESSWICK MS Instr (Home Mgt and Child Devlomt

1PHYLLIS M ZACK MS Asst Prof (Clothing and Textiles)

Plant Science, Division of

11910

12R L LANG PhD Prof and Head of Div AGRICULTURAL ENGINEERING SECTION

12C F BECKER PhD Prof (in charge)

3D J BROSZ MS Ext Irrig Engin (Asst Prof)

124R D BURMAN MS Asst Prof (Irrigation)

12G L COSTEL BS Instr

12T L LOUDON BS Supply Instr (Irrigation)
3M A McNAMEE MS Ext Agr Engin (Instr)

12G B WILLSON MS Asst Prof

CROPS SECTION

12W A RIEDL PhD Prof (Plant Brdg) (in charge)
123H P ALLEY MS Asst Prof (Weeds)
12G W ARNOLD MS Asst Prof (Forage)

123E W CHAMBERLAIN MS Supply Instr (Weeds) 5RICHARD COMES MS Res Agron (Weeds) (ARS)

12K C FELTNER MS Asst Prof (Crops)

2P J HALL Jr MS State Seed Anal (State of Wyo) 50 J HUNT PhD Res Agron (Crops) (ARS)
12B J KOLP PhD Assoc Prof (Plant Brdg)

12L M POWELL PhD Asst Prof (Forage Crops)
12R G SACKETT MS Supply Instr (Seed Certif)
23W J SEAMANDS MS Ext Agron (Asst Prof)

5F L TIMMONS PhD Res Agron (Weeds) and Group Leader (ARS)

ENTOMOLOGY SECTION

12R E PFADT PhD Prof (in charge)

123W D FRONK PhD Prof

124L D HAWS PhD Asst Prof 5J D HITCHCOCK MS Apic (ARS)

12R J LAVIGNE PhD Asst Prof 12F A LAWSON PhD Asst Prof

2W D MARKS BS Supply Instr 13T R ROBB BS Ext Ent (Asst Prof)

5H SHIMANUKI PhD Bact (ARS)

PLANT PATHOLOGY AND HORTICULTURE SECTION

12G H BRIDGMON PhD Prof (in charge)
123E A ANDREWS PhD Assoc Prof

234L C AYRES MS Ext Hort and For (Asst Prof)

23CLYDE BUTCHER BS Ext Hort and For (Supply Instr)

Plant Science, Division of-Continued

12C W McANELLY PhD Asst Prof RANGE MANAGEMENT SECTION

12A A BEETLE PhD Prof (in charge)

5H W BERNDT MS Res For (FS) 5G R BROWN Range Tech

12H G FISSER PhD Asst Prof

5W M JOHNSON PhD Range Conserv (FS)

12M L MAY PhD Assoc Prof

5D R SMITH PhD Range Conserv (Res) (FS) 5D L STURGES MS Res For (FS)

45R D TABLER BS Res For (FS)

SOILS SECTION

12L I PAINTER PhD Prof (in charge)

5HAROLD BINDSCHADLER MS State Soil Sci (SCS)

12T J DUNNEWALD MS Assoc Prof Emeritus

123H W HOUGH PhD Asst Prof 5FRANK RAUZI MS Soil Sci (ARS) 124P C SINGLETON MS Asst Prof

5D D WALKER MS Soil Sci (ARS)

Veterinary Science, Division of

123J O TUCKER DVM Prof and Head of Div 12E L BELDEN MS Instr (Micro)

12R C BERGSTROM MS Instr (Parasitol)
12M W GLENN DVM PhD Prof
2H A HANCOCK DVM Vet Lab (State of Wyo)

12Mrs MARTHA H HEJDE BS Tech

12R F HONESS MA Assoc Prof (Parasitol)
12L R MAKI PhD Assoc Prof (Micro)
5Mrs MARY A RADFORD BS Med Tech (ARS)

12G W ROBERTSTAD PhD Assoc Prof (Micro)

2J F RYFF DVM Dir of Vet Lab (State of Wyo) 5G M THOMAS MS Serol (ARS) 12M S TRUEBLOOD PhD Asst Prof (Virol)

2J L WEIBEL DVM Vet Lab (State of Wyo)
12C F WIESEN PhD Assoc Prof (Micro)

Miscellaneous

11920

230 K BARNES MS Ext Spec Proj Leader (Assoc Prof)

1R W FRANTZ Jr PhD Dir of Libr

3R M HYDE MS Rural Civ Defense Spec in Agr Ext Serv

12G P ROEHRKASSEE PhD Statis and Assoc Prof of Agr Econ

Substations, Division of

11940

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2A F GALE MS Supt

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2L R RICHARDSON BS Supt

Torrington Substa PO Torrington

2J J BELUS BS Supt

Riverion Soils Lab 2C N MOINE BS Soils Tech



INDEX OF NAMES

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BRYAN C W 2530 Ga BULLION MURPHREE 9760 TO BRYAN DE 8350 Okla BULLIS DE 8490 Oreg BRYAN ELIZABETH 160 Ala BULLOK R C 2240 Fla BRYAN R J 3700 Iowa BULLOCK R M 8720 Oreg BRYAN R P 7370 N C BULTENA G L 11790 Wis BRYAN W E 480 Ariz BUMGARDNER H L 7520 N C BRYANS J T 4160 Ky BUNCE P C 2390 Ga BULTENA G L 11790 WIS BRYANT C D 7420 N C BUNCH C E 8260 Okla BRYANT D R Jr 1990 Fla BUNCH H D 5700 Miss BRYANT ELLEN S Mrs 5840 Miss BUNDY C E 3700 Iowa
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CHRISTIANSEN...COLE

CHRISTIANSEM K. 5520 Mino
CHRISTIANSEM K. 5520 Mino
CHRISTIANSEM K. 5520 Mino
CHRISTIANSEM N. 5880 Mino
CHRISTIANSEM N. 58

COLEMAN AL 4500 Ky
COLEMAN MARY C 5340 Mide
COLEMAN MARY LAS Miss 10330 Tex
COLLEMAN MARY LAS MISS 1030 Tex
COLLEMAN MARY LAS MISS

CORNELIUS CE 1140 Colif
CONNELIUS CE 1140 Colif
CONNEL

CULBERTSON WR 1400 Colo
CULLER WI 10030 Tex
CULLER WI 1500 Man
CULLANDOUSE E WI 15930 Ten
CULLYANDOUSE E WI 15930

DAVIS-DETROY

DAVIS-DETROY

DAVIS-1 B 3500 Ind
DAVIS IP \$400 Mich

DEUTSCHMAN A J JF 350 Arts

DEVALE W B 140 Als

GW VARADA BEATTER CONTIQUEZ

GW VARADA BEATTER CONTIQUEZ

DESSEMIN H G 3410 Ind

DESSEMIN H G 3410 Ind

DEVEREN H G 3410 Ind

DEVER H G 3410 Ind

DEVE

DOSSIN-DYER

DOSSIN-O DE 8890 P0

DOSTED N 2810 Colif

DOSTAL H C 1950 data

DOSTED N 1950 Colab

DOSTED N 1950 Colab

DOSTED N 1950 Colab

DOSTED N 1950 Colab

DOTSON N 8 9800 Tenn

DOSTED N 1950 Colab

DOTSON N 8 9800 Tenn

DOUGLAL D K 8000 Colab

DOUGLAL D K 8000 Colab

DOUGLAS C R 9800 Tenn

DOUGLAS D S 8000 Colab

DOUGLAS D S 8000 Tenn

DOUGLAS D S 8000 N 19

DOUGLAS D

ELPS-FANG

FANCILY R C 10160 Tex
FANNING D S 4910 M
FARCER N O 3260 LI
FARKAS D F 7310 N Y
FARMER B M 7410 N C
FARMER B M 740 N C
FARMER B M 74

FITZPATRICK-FRANKLIN

FRANCE DE 1800 Wo
FRANTZE W. B. 11930 Wo
FRAN

GAMBLE-GIESEKING

GAMBLE S I 340 Ind
GAMBELL S I 340 Ind
GAMBEL S

GIESEMAN R W 3920 Km

GIESEMAN R 10300 Tex

GIESEMAN R W 3920 Km

GIESEMAN R W 3920 Km 195

GORHAM-GRIGARICK

CORHAM PTEL R 5590 Mina
CORHAM PTEL R 1300 Weal
CORS R W 870 PTE
CORS R W 870 P

GROVES A B 11020 Va
GROVES GLADYS Mrs 4760 Me
GROVES H F 8040 Ohio
GROVES KERMIT 11220 Wash
GRUB WALTER 120 Ala
GRUBBS D Z 8910 Pa
GRUENHAGEN R H 10970 Va
GRUBBS D Z 8910 Pa
GRUENHAGEN R H 10970 Va
GRUMBLES J B 10560 Utah
GRUMBLES J B 10560 Utah
GRUMBLES J B 10560 Utah
GRUMBLES J B 10560 Wis
GRUMBLES J B 10560 Wis
GRUNJOHN 6990 N J
GRUN AUL 8910 Pa
GUARD ADA MAE Mrs 1420 Colo
GUDAUSKAS R T 60 Ala
GUENTHER J J 8270 Okla
GUENTHER F J 8270 Okla
GUENTHER F H 6390 Mont
GUENTHER F H 6390 Mont
GUENTHER F H 6390 Mont
GUENTHER F M 7250 N Y
GUENTAN N B 8910 Pa
GUARA M C 9080 P R
GUENZI W D 6410 Nebr
GUENTHAGE R R 1220 Ga
GUILLORY VERNA D Mrs 4500 La
GUILLORY SAJAU III
GUILLER G S 7970 Ohio
GUILLORY VERNA D Mrs 4500 La
GUILLORY VERNA D Mrs 4500 La
GUILLORY VERNA D Mrs 4500 La
GUILLORY RENE 980 Calif
GUINN GENE 8290 Okla
GUITHER H D 3290 III

GUILLOR RNE 980 Okla
GUITHER H D 3290 III

GYRISCO G 7250 N Y
HALE E B 10910 Va
HALE ERNEST L 2880 Ga
HALE PRD 10040 Tex
HALE RN 5 1590 Conn
HALE N 5 1590 Conn
HALE N 5 1590 Conn
HALE PRD 10040 Tex
HALE N 1590 Conn
HALE N 1590 Conn
HALE V 900 Calif
HALE N 1590 Conn
HALE N

GRIGGS W H 1100 Calif
GRIGSBY R 4400 La
GRIGSBY S E 2100 Fla
GRIME J P 1770 Conn
GRIMES CLARA R 640 Aix
GRIME J P 1770 Conn
GRIMES CLARA R 640 Aix
GRIMES G A 5970 Mo
GRIMES G A 5970 Mo
GRIMES G A 5970 Mo
GRIMES G B W 12 240 Ala
GRIMES G W

HALL HIS 5000 Mo
HALL I M.F. 1360 Codil
HALL J G 11500 W VG
HALL J G 11500 W VG
HALL J G 11500 W VG
HALL J T 5700 For
HALL S T 5300 For

HARLOW H.D. 10050 Tex
BARBAM SARAHI 3.50 Ariz
HARRIS R.H. 360 Ariz
HARRI

HAWKINS W 1: 1050 Com
HAWKINS MURIEDED F 7200 ND MA
HAWKINS MURIEDED F 7200 ND MA
HAWKINS MURIEDED F 7200 ND MA
HAWKINS W 1: 6100 Ment
HAWKINS MURIEDED F 7200 ND MA
HAWKINS W 1: 6100 Ment
HAWKINS W 1: 6100

HERBIST E.J 6730 N.H
HEYE HELENE 8010 Chio
HERBIST J.H 3280 III
HEYE HELENE 8010 Chio
HERBIST J.H 3280 III
HEYE HELENE 8010 Chio
HERBIST J.H 3280 III
HEYE HELENE 8010 Chio
HERBIST J.H 3280 III

HERBIST J.H 3280 IIII
HERBIST J.H

HO-HOPKINS

HO GENEVIEVE 108:50 Va HOFFMAN MARY M 3320 III HOLMELARD 7930 N Dak HOFFMAN R E 2550 Ga HOLMES S 2010 TO N DAK HORAD 15 7830 N DAK HOFFMAN R E 10880 Va HORAD 770 N C HORBOT D 500 Tex HORBOT D 5

HULL JACOBSON

HULL JACOBSON

HULL JACOBSON

6310 Mass

HUTCHINGS H M 5500 Orag

HUTCHING H M 5500 Orag

HUTCHINGS H M 5500 Orag

HUTCHINGS H M 5500 Orag

HUTCHING H M 5

JACOBSON MARGARET M. 5300 Meh.

JAMES M. 5400 Meh.

JAMES

JOHNSON-JORDAN

JOHNSON J H 2120 Fla
JOHNSON J L 3180 Idaho
JOHNSON J M 9780 Tenn
JOHNSON J M 10880 Va
JOHNSON J N 7690 N Dak
JOHNSON J P 1740 Conn
JOHNSON J R 2350 Ga
JOHNSON J.R. 11400 W.Va
JOHNSON J W 8260 Okla
JOHNSON J W 8600 Oreg JOHNSON JUANISE Mrs 650 Ark
IOHNSON K H 5650 Minn
JOHNSON K H 5650 Minn JOHNSON K R 3100 Idaho
JOHNSON K W 5000 Mass
JOHNSON L A 5240 Mich JOHNSON L E 3640 Iowa JOHNSON L E 8040 Ohio JOHNSON L F 9870 Tenn
JOHNSON L E 8040 Ohio
JOHNSON L F 9870 Tenn
JOHNSON L J 8740 Pa JOHNSON L R 7660 N C
JOHNSON L R 7660 N C JOHNSON L W 190 Ala
JOHNSON LARUE 5650 Minn
JOHNSON LESTER 8420 Okla
JOHNSON M.F. 3150 Idaho
JOHNSON M E 3150 Idaho JOHNSON M J 8720 Oreg
JOHNSON M J 11590 Wis
JOHNSON M W 7050 N J
JOHNSON M W Jr 11390 W Va
JOHNSON MARY L 6050 Mo
JOHNSON NAOMI M 3990 Kan
JOHNSON OR 5970 Mo
JOHNSON O R 11120 Va JOHNSON P E 3250 III
JOHNSON P E 3250 Ill JOHNSON P E 3490 Ind
JOHNSON P E 8310 Okla
JOHNSON P G 7250 N Y
JOHNSON P G Jr 7250 N Y
JOHNSON P.R. 7410 N.C.
JOHNSON P R 10300 Tex JOHNSON R B 2240 Fla JOHNSON R B 4960 Md JOHNSON R C 3780 Iowa JOHNSON R D 2620 Ga
JOHNSON R B 2240 Fla
JOHNSON R B 4960 Md
JOHNSON R C 3780 Iowa
JOHNSON R D 6480 Nebr
IOHNSON R F 900 Calif
JOHNSON R E 900 Calif
TOUNGON D.E. LEGO. Com-
JOHNSON R E 1590 Conn JOHNSON R E 3250 Ill
JOHNSON R E 1590 Conn JOHNSON R E 3250 Ill
JOHNSON R E 1590 Conn JOHNSON R E 3250 Ill JOHNSON R G 11620 Wis JOHNSON R H 570 Ark
JOHNSON R E 1590 Conn JOHNSON R E 3250 Ill JOHNSON R G 11620 Wis JOHNSON R H 570 Ark JOHNSON R J 11200 Wash JOHNSON R L 5880 Miss
JOHNSON R E 1590 Conn JOHNSON R E 3250 Ill JOHNSON R G 11620 Wis JOHNSON R H 570 Ark JOHNSON R J 11200 Wash JOHNSON R L 5880 Miss
JOHNSON R E 1590 Conn JOHNSON R E 3250 Ill JOHNSON R G 11620 Wis JOHNSON R H 570 Ark JOHNSON R J 11200 Wash JOHNSON R L 5880 Miss
JOHNSON R E 1590 Conn JOHNSON R E 3250 III JOHNSON R G 11620 Wis JOHNSON R H 570 Ark JOHNSON R J 11200 Wash JOHNSON R L 5880 Miss JOHNSON R M Jr 7910 Ohio JOHNSON R M Jr 8010 Ohio JOHNSON R M Jr 8020 Ohio
JOHNSON R E 1590 Conn JOHNSON R E 3250 III JOHNSON R G 11620 Wis JOHNSON R H 570 Ark JOHNSON R J 11200 Wash JOHNSON R L 5880 Miss JOHNSON R M Jr 7910 Ohio JOHNSON R M Jr 8010 Ohio JOHNSON R M Jr 8020 Ohio JOHNSON R R 7910 Ohio
JOHNSON R E 1590 Conn JOHNSON R E 3250 III JOHNSON R G 11620 Wis JOHNSON R H 570 Ark JOHNSON R J 11200 Wash JOHNSON R L 5880 Miss JOHNSON R M Jr 7910 Ohio JOHNSON R M Jr 8010 Ohio JOHNSON R M Jr 8020 Ohio JOHNSON R R 7910 Ohio
JOHNSON R E 1590 Conn JOHNSON R E 3250 III JOHNSON R G 11620 Wis JOHNSON R H 5700 Ark JOHNSON R J 11200 Wash JOHNSON R J 11200 Wash JOHNSON R M Jr 7910 Ohio JOHNSON R M Jr 8010 Ohio JOHNSON R M Jr 8020 Ohio JOHNSON R R 7910 Ohio JOHNSON R R 7910 Ohio JOHNSON R R 8080 Ohio JOHNSON R V 3270 III JOHNSON R V 3270 III
JOHNSON R E 1590 Conn JOHNSON R E 3250 III JOHNSON R G 11620 Wis JOHNSON R H 570 Ark JOHNSON R J 11200 Wash JOHNSON R L 5880 Miss JOHNSON R M Jr 7910 Ohio JOHNSON R M Jr 8010 Ohio JOHNSON R R 7910 Ohio JOHNSON R R 79210 Ohio JOHNSON R R 79210 Ohio JOHNSON R R 79210 TII JOHNSON R OBERTA Mrs 10110 Tex JOHNSON S D 7280 N Y
JOHNSON R E 1590 Conn JOHNSON R E 3250 III JOHNSON R G 11620 Wis JOHNSON R H 570 Ark JOHNSON R J 11200 Wash JOHNSON R L 5880 Miss JOHNSON R M Jr 7910 Ohio JOHNSON R M Jr 8010 Ohio JOHNSON R M Jr 8020 Ohio JOHNSON R R 7910 Ohio JOHNSON R R 78080 Ohio JOHNSON R 8 8080 Ohio JOHNSON R V 3270 III JOHNSON R OBERTA Mrs 10110 Tex JOHNSON S D 7280 N Y JOHNSON S S 960 Calif
JOHNSON R E 1590 Conn JOHNSON R E 3250 III JOHNSON R G 11620 Wis JOHNSON R H 570 Ark JOHNSON R J 11200 Wash JOHNSON R J 11200 Wash JOHNSON R M Jr 7910 Ohio JOHNSON R M Jr 8010 Ohio JOHNSON R M Jr 8020 Ohio JOHNSON R R 7910 Ohio JOHNSON R R 8080 Ohio JOHNSON R R 8080 Ohio JOHNSON R R 8080 Ohio JOHNSON R B 8080 Ohio JOHNSON S 960 Calif JOHNSON S 960 Calif JOHNSON S 960 Calif
JOHNSON R E 1590 Conn JOHNSON R E 3250 III JOHNSON R G 11620 Wis JOHNSON R H 570 Ark JOHNSON R J 11200 Wash JOHNSON R J 11200 Wash JOHNSON R M Jr 7910 Ohio JOHNSON R M Jr 8010 Ohio JOHNSON R M Jr 8020 Ohio JOHNSON R R 7910 Ohio JOHNSON R R 8080 Ohio JOHNSON R R 8080 Ohio JOHNSON R V 3270 III JOHNSON R V 3270 III JOHNSON R D 7280 N Y JOHNSON S D 7280 N Y JOHNSON S S 960 Calif JOHNSON S S 960 Calif JOHNSON S TEWART 1600 Conn JOHNSON T H 4270 Ky
JOHNSON R E 1590 Conn JOHNSON R E 3250 III JOHNSON R G 11620 Wis JOHNSON R H 570 Ark JOHNSON R J 11200 Wash JOHNSON R L 5880 Miss JOHNSON R M Jr 7910 Ohio JOHNSON R M Jr 8010 Ohio JOHNSON R R 7910 Ohio JOHNSON R R 7920 TII JOHNSON R B 8080 Ohio JOHNSON R B 7920 TII JOHNSON R B 79280 N Y JOHNSON S D 7280 N Y JOHNSON S S 960 Calif JOHNSON STEWART 1600 Conn JOHNSON TEWART 1600 Conn JOHNSON T H 4270 Ky JOHNSON T J 7930 Ohio
JOHNSON R E 1590 Conn JOHNSON R E 3250 III JOHNSON R G 11620 Wis JOHNSON R H 570 Ark JOHNSON R J 11200 Wash JOHNSON R J 11200 Wash JOHNSON R M Jr 7910 Ohio JOHNSON R M Jr 8010 Ohio JOHNSON R M Jr 8020 Ohio JOHNSON R R 7910 Ohio JOHNSON R R 8080 Ohio JOHNSON R R 8080 Ohio JOHNSON R W 3270 III JOHNSON R OBERTA Mrs 10110 Tex JOHNSON S D 7280 N Y JOHNSON S D 7280 N Y JOHNSON S TEWART 1600 Conn JOHNSON TEWART 1600 Conn JOHNSON TH 4270 Ky JOHNSON T J 7930 Ohio JOHNSON T J 7930 Ohio JOHNSON THETA 10490 Utah
JOHNSON R E 1590 Conn JOHNSON R E 3250 III JOHNSON R G 11620 Wis JOHNSON R H 570 Ark JOHNSON R J 11200 Wash JOHNSON R J 11200 Wash JOHNSON R M Jr 7910 Ohio JOHNSON R M Jr 8010 Ohio JOHNSON R M Jr 8020 Ohio JOHNSON R R 8080 Ohio JOHNSON R R 8080 Ohio JOHNSON R R 8080 Ohio JOHNSON R W J 2770 III JOHNSON R W J 2770 III JOHNSON R W 3270 III JOHNSON S D 7280 N Y JOHNSON S S 960 Calif JOHNSON STEWART 1600 Conn JOHNSON T H 4270 Ky JOHNSON T J 7930 Ohio JOHNSON T J 7930 Ohio JOHNSON T J 7930 Ohio JOHNSON T HETA 10490 Utah JOHNSON THETA 10490 Utah
JOHNSON R E 1590 Conn JOHNSON R E 3250 III JOHNSON R G 11620 Wis JOHNSON R H 570 Ark JOHNSON R J 11200 Wash JOHNSON R J 11200 Wash JOHNSON R M Jr 7910 Ohio JOHNSON R M Jr 8010 Ohio JOHNSON R M Jr 8020 Ohio JOHNSON R R 7910 Ohio JOHNSON R R 8080 Ohio JOHNSON R R 8080 Ohio JOHNSON R W 3270 III JOHNSON R OBERTA Mrs 10110 Tex JOHNSON S D 7280 N Y JOHNSON S D 7280 N Y JOHNSON S TEWART 1600 Conn JOHNSON TEWART 1600 Conn JOHNSON TH 4270 Ky JOHNSON T J 7930 Ohio JOHNSON T J 7930 Ohio JOHNSON THETA 10490 Utah
JOHNSON R E 1590 Conn JOHNSON R E 3250 III JOHNSON R G 11620 Wis JOHNSON R H 570 Ark JOHNSON R J 11200 Wash JOHNSON R L 5880 Miss JOHNSON R M Jr 7910 Ohio JOHNSON R M Jr 8010 Ohio JOHNSON R M Jr 8020 Ohio JOHNSON R R 7910 Ohio JOHNSON S 960 Calif JOHNSON S 960 Calif JOHNSON S 1 1600 Conn JOHNSON T H 4270 Ky JOHNSON T J 7930 Ohio JOHNSON T H 7930 OHIO
JOHNSON R E 1590 Conn JOHNSON R E 3250 III JOHNSON R G 11620 Wis JOHNSON R H 570 Ark JOHNSON R J 11200 Wash JOHNSON R J 11200 Wash JOHNSON R M Jr 7910 Ohio JOHNSON R M Jr 8010 Ohio JOHNSON R M Jr 8020 Ohio JOHNSON R R 8080 Ohio JOHNSON R R 8080 Ohio JOHNSON R R 8080 Ohio JOHNSON R R 3270 III JOHNSON R V 3270 III JOHNSON S P 660 Calif JOHNSON S S 960 Calif JOHNSON STEWART 1600 Conn JOHNSON T H 4270 Ky JOHNSON T H 4270 Ky JOHNSON T J 7930 Ohio JOHNSON V A 6410 Nebr JOHNSON V A 6420 La JOHNSON W A 170 Ala JOHNSON W A 4520 La
JOHNSON R E 1590 Conn JOHNSON R E 3250 III JOHNSON R G 11620 Wis JOHNSON R H 570 Ark JOHNSON R J 11200 Wash JOHNSON R J 11200 Wash JOHNSON R M Jr 7910 Ohio JOHNSON R M Jr 8010 Ohio JOHNSON R M Jr 8020 Ohio JOHNSON R R 7910 Ohio JOHNSON S R 7920 III JOHNSON R B 8080 Ohio JOHNSON S W 3270 III JOHNSON S D 7280 N Y JOHNSON S B 960 Calif JOHNSON S B 960 Calif JOHNSON T H 4270 Ky JOHNSON T H 4270 Ky JOHNSON T H 4270 Ky JOHNSON T H 4270 Wer JOHNSON T H 4270 Wer JOHNSON T H 6410 Webr JOHNSON V A 6410 Webr JOHNSON V A 6410 Webr JOHNSON W A 170 Ala JOHNSON W A 4520 La JOHNSON W B 7000 N J JOHNSON W B 7000 N J JOHNSON W B 7000 N J
JOHNSON R E 1590 Conn JOHNSON R E 3250 III JOHNSON R G 11620 Wis JOHNSON R H 570 Ark JOHNSON R J 11200 Wash JOHNSON R J 11200 Wash JOHNSON R M Jr 7910 Ohio JOHNSON R M Jr 8010 Ohio JOHNSON R M Jr 8020 Ohio JOHNSON R R 7910 Ohio JOHNSON R R 8080 Ohio JOHNSON R R 8080 Ohio JOHNSON R B 8080 Ohio JOHNSON S B 7280 N Y JOHNSON S D 7280 N Y JOHNSON S B 7600 Calif JOHNSON TEWART 1600 Conn JOHNSON TEWART 1600 Conn JOHNSON TH 4270 Ky JOHNSON THETA 10490 Utah JOHNSON V A 6410 Nebr JOHNSON V K 7690 N Dak JOHNSON W A 170 Ala JOHNSON W A 4520 La JOHNSON W A 500 N J JOHNSON W C Jr 30 Ala JOHNSON W C Jr 30 Ala
JOHNSON R E 1590 Conn JOHNSON R E 3250 III JOHNSON R G 11620 Wis JOHNSON R H 570 Ark JOHNSON R J 11200 Wash JOHNSON R J 11200 Wash JOHNSON R M J 17910 Ohio JOHNSON R M Jr 8010 Ohio JOHNSON R R 7910 Ohio JOHNSON R R 8080 Ohio JOHNSON R B 8080 Ohio JOHNSON R B 8080 Ohio JOHNSON S R 8080 N Y JOHNSON S D 7280 N Y JOHNSON S D 7280 N Y JOHNSON STEWART 1600 Conn JOHNSON T H 4270 Ky JOHNSON T J 7930 Ohio JOHNSON V A 6410 Nebr JOHNSON V A 6410 Nebr JOHNSON W A 170 Ala JOHNSON W A 4520 La JOHNSON W B 7000 N J JOHNSON W B 7000 N J JOHNSON W B 7000 N J JOHNSON W C 10300 Tex JOHNSON W C 10300 Tex JOHNSON W C 10300 Tex
JOHNSON R E 1590 Conn JOHNSON R E 3250 III JOHNSON R G 11620 Wis JOHNSON R H 570 Ark JOHNSON R J 11200 Wash JOHNSON R L 5880 Miss JOHNSON R M Jr 7910 Ohio JOHNSON R M Jr 8010 Ohio JOHNSON R R 7910 Ohio JOHNSON R R 7920 III JOHNSON R B 7910 Ohio JOHNSON R W 3270 III JOHNSON S B 960 Calif JOHNSON S B 960 Calif JOHNSON S B 960 Calif JOHNSON T H 4270 Ky JOHNSON T H 4270 Ky JOHNSON T H 4270 Ky JOHNSON T H 6410 Nebr JOHNSON T W 7690 N Dak JOHNSON W A 170 Ala JOHNSON W A 4520 La JOHNSON W A 4520 La JOHNSON W B 7000 N J JOHNSON W B 7000 N J JOHNSON W C Jr 30 Ala JOHNSON W C 10300 Tex JOHNSON W C 10300 Tex JOHNSON W C 10100 W Va JOHNSON W G 11400 W Va
JOHNSON R E 1590 Conn JOHNSON R E 3250 III JOHNSON R G 11620 Wis JOHNSON R H 570 Ark JOHNSON R J 11200 Wash JOHNSON R L 5880 Miss JOHNSON R M Jr 7910 Ohio JOHNSON R M Jr 8010 Ohio JOHNSON R M Jr 8020 Ohio JOHNSON R R 7910 Ohio JOHNSON R W 3270 III JOHNSON S D 7280 N Y JOHNSON S D 7280 N Y JOHNSON S D 7280 N Y JOHNSON THE WART 1600 Conn JOHNSON THE WART 1600 Conn JOHNSON THE TA 10490 Utah JOHNSON V A 6410 Nebr JOHNSON V K 7690 N Dak JOHNSON W A 170 Ala JOHNSON W A 170 Ala JOHNSON W B 7000 N J JOHNSON W B 7000 N J JOHNSON W C Jr 30 Ala JOHNSON W C 11300 Tex JOHNSON W G 11400 W Va JOHNSON W G 11400 W Va JOHNSON W G 74330 N C JOHNSON W H 7430 N C
JOHNSON R E 1590 Conn JOHNSON R E 3250 III JOHNSON R G 11620 Wis JOHNSON R H 570 Ark JOHNSON R H 570 Ark JOHNSON R H 5780 Miss JOHNSON R M Jr 7910 Ohio JOHNSON R M Jr 8010 Ohio JOHNSON R M Jr 8020 Ohio JOHNSON R R 7910 Ohio JOHNSON R R 8080 Ohio JOHNSON R R 8080 Ohio JOHNSON R V 3270 III JOHNSON R OBERTA Mrs 10110 Tex JOHNSON S D 7280 N Y JOHNSON S D 7280 N Y JOHNSON S D 7280 N Y JOHNSON TEWART 1600 Conn JOHNSON THE TA 10490 Utah JOHNSON THE TA 10490 Utah JOHNSON V K 7690 N Dak JOHNSON W A 170 Ala JOHNSON W A 170 Ala JOHNSON W B 7000 N J JOHNSON W B 7000 N J JOHNSON W C Johnson W

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JOHNSON W L 2280 Fla
JOHNSON W A 250 Ala
JOHNSON W M 250 Ala
JOHNSON W M 1910 Wyo
JOHNSON WAYMAN 9490 S C
JOHNSON WAYMAN 9490 S C
JOHNSON WILMA L 460 Ariz
JOHNSON WAYMAN 9490 S C
JOHNSTON ALEXANDER I 11870 Wyo
JOHNSTON D 18 2520 Chia
JOHNSTON B 2530 Mich
JOHNSTON ELEANOR C 9530 S Dak
JOHNSTON ELEANOR C 9530 S Dak
JOHNSTON B 2530 Mich
JOHNSTON B 2530 Mich
JOHNSTON R S 9130 Wich
JOHNSTON R S 9130 Wich
JOHNSTON STANLEY S350 Mich
JOHNSTON R P 3430 Mich
JOHNSTON STANLEY S350 Mich
JOHNSTON STANL
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JORDAN MAX 590 AX
JORDAN MILDREDN 11050 V9
JORDAN MILDREDN 11050 V9
JORDAN MILDREDN 11050 V9
JORDAN MILDREDN 11050 W8
JORNALAMA MILDREDN W8
JOR

KENDERCK - NUTYOCK

KENDERCK JW 1140 Cutl

KENDERCK JW 1140 Cutl

KENDERCK JW 1140 Cutl

KENDERCK JW 1940 S 504

KENDERCK JW 1950 Fore

KENNERL W 7 3990 [sove

KENNERL W 7 39

KITTRELL J E 2590 Ga
KITTRICK J A 11190 Wash
KITTRIDG C W 4710 Ms
KITTRI

 KROTH E M 6090 Mo
 LANDFORCE A S 8570 O

 KROWICKI R S 9860 Tenn
 LABANAUSKAS C K 1290 Calif
 LANDIS B J 11270 Wash

 KRUECKEBERG H F 1830 Del
 LABELLE R L 7310 N Y
 LANDIS J T 840 Calif

 KRUEGER H M 8470 Oreg
 LABELLE R L 7310 N Y
 LANDRON G J 8960 P R

 KRUEGER W F 10160 Tex
 LABERGE W E 6520 Nebr
 LANDRY LENORE L 11690

 KRUG L L 9850 Tenn
 LABOON MARTHA 2500 Ga

KRANZLER LADORY

KRANZLER LOTH IM- 6630 S Dak

KRANZER F H 110 Cabil

KRANZER F H 110 Km

KRANZER F H 110 Km

KRANZER F H 110 Cabil

KRANZER F H 110 Km

KRONZER F H

LANDRY LENORE L 11690 Wis

LEGAULT-LITTLE

LEGG OF 970 Tens

LEVICINITY AND USES

LECONATE TO 1190 Weah

LECONATE TO 201

LECONATE TO 2

LITTLE CAMPEELL 2420 Gs
LITTLE CHARLES 5450 Mich
LITTLE HO 659, New
LIND D 8 8520 Ceep
LIONE D 8 8500 Ceep

LUEPSHEN N S 1560 Colo

LYON A B 10940 Va

LUETKEMEIER O W 3420 Ind

LUFON DOROTHY E 9830 Tenn

MADISON J H Jr 1050 Calif

LUFFMAN WINNIE F 2500 Ga

LYON W F 8050 Ohio

MADSEN L L 11180 Wash

LUGO-LOPEZ M A 8930 P R

LYONS C G 8630 Oreg

MADSON B A 900 Calif

LUGO RAMON BOSQUE 9110 P R

LYONS E T 4160 Ky

MADSEN WINIFRED 28Q Alaska

MADSON B A 900 Calif

LYONS JAMES 1330 Calif

MAGEE A C 10000 Tex

LYONS JAMES 1330 Calif

MAGEE A C 10000 Tex

LUKE G W 6920 N J

LYTLE S A 4350 La

MAGEE W T 5200 Mich

LYTLE W F 9600 S Dak

MAGENTI A R 1070 Calif

LYTTON L R 7090 N Mex

MAGIER O 2240 Fla

MAGRABI FRANCES K Mrs 5340 Mich

LUMPKIN T W 130 Ala

LUMSDEN D K 6030 Mo

LUND ELEANORE E R 7260 N Y

MAGUDER LUCILLE 4240 Ky

MAGULDER LUCILLE 4240 Ky

MAGULDER LUCILLE 4240 Ky

MACHIBER 1 1070 Calif

MAGRADI FRANCES K Mrs 5340 Mich

MAGRIBER LUCILLE 4240 Ky

MACHIBER 1 1070 Calif

MAGRIBER LUCILLE 4240 Ky

MACHIBER 1 1070 Calif

LUMB W 130 Cale

LUMB W 130 Cale

LUMB W 130 Cale

LUMS EVEN 150 6300 Mo

LUND ELEANORE E R 7260 N Y

LUND HO 230 Ga

LUND LORAN CASO SMO

LUND ELEANORE E R 7260 N Y

LUND HO 230 Ga

LUND LORAN CASO SMO

LUND ELEANORE E R 7260 N Y

LUND E LEANORE E R 7260 N Y

LUND E LORAN CASO SMO

LUND ELEANORE E R 7260 N Y

LUND E R 300 Mas

LUND ER R 650 Mas

MACKEN ER R 650 Mas

MACKEN ER R 650 Mas

MA MAGRADI FRANCES MIS 3340
MAGRANE W G 9900 Tenn
MAGRUDER LUCILLE 4240 Ky
MAGUIRE J D 11190 Wash
MAHADEVAN A P 3440 Ind
MAHAN R A 3750 Iowa

MANGUS AR 8130 Oblo
MANUS AR 813

MATHER H. G 8780 PJ
MATHER S 6780 PJ
MATHER S 6780 PG
MATHER S 6780 SC
MATHER S 11.70 V 8
MATHER S 11.71 V 9

MCGUILLOCK J J 3970 Kas
MCGUILLOCK J F 8690 Oves
MCGUILLOCK J S 8690 Oves
MCGUILLOCK J D 10000 Tex
MCGUILLOCK J S 1000 Ove
MCGUILLOCK J S 1000 Ov

McMCRTER - MILLAM SHORT SO ALX
McMCALLAM ETHER 870 Olio
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MILLER BR 90 Ala

MILLER BR 90 Ala

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NOEL JUANITA M 8380 Okla NUGENT A L 4350 La OGDEN P R 10560 Utah NOETZEL D M 7800 N Dak NUGENT ELINOR Mrs 5340 Mich OGDEN R L 6440 Nebr NOGGLE G R 2050 Fla NULAND D S 6550 Nebr OGDEN W B 11730 Wis NOLAN FRANCENA L Mrs 11380 NURMI E O 11190 Wash OGG J E 1390 Colo OG W 2 3690 Iowa NUSBAUM C J 7510 N C OGG W E 3690 Iowa OGG J E 1390 Colo OGG W C 3690 Iowa OGLESBY W T 4550 La O'HARROW C E 380 Ariz O'HARROW

NORDENCOS A W 3800 lowe
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OLSON-PARKER

OLSON PHYLLIS 3790 lowa OTTOGLE LELA 8380 Okla OTTOGLE ALEA 8380 Okla PADDOCK F 8 1380 lowa PADO OSMIMA NAGATOSHI 1410 CORO OSMUN J V 3500 Ind OSTENSO GRACE L Mrs 11690 Wis OSTERLI V P 1000 Calif OSTRANDER C E 7250 N Y

P

PARIZEK W J 1580 Conn PARK J H 470 Ariz PARK J K 8520 Oreg PARKER R V 1410 Colo PARKER B F 4190 Ky PARKER C A 10000 Tex PARKER C F 7910 Ohio PARKER C F 8080 Ohio PARKER C ARL 230 AIG

PARKER R A 8430 Céla
PARKER R E 5770 Mach
PARTEN CG 1080 Coit
PART

PEPPER-PIERINGER

PEPER J H 6220 Mont
PEPERS J G 750 Not
PEPERS J G 750 Not
PERS J 7

PIERMATTEI D L. 10220 Tex

PEGNER B J 2020 III

PEG

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PRESTON I D 259 GO
PRESTON I D 259 GO
PRESTON I C 7250 N Y
PRESTON I D 250 N Y
PRESTON I D 250 N Y
PRESTON I C 7250 N Y
PRESTON I D 250 N Y
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PRICE A 9890 Tex
PRICE A 7060 N J
PRICE A 7060 N J
PRICE A 7060 N J
PRICE D 3 7070 N S
PRICE A 7060 N S
PRICE A 7060 N S
PRICE A 7060 N S
PRICE D 3 7070 N S
P

RAINEY CD 5880 Miss
BANNEY LOUSE M Miss 7250 N Y
BANNEY LOUSE M Miss 7250 N Y
RAINEY SO Miss
RAINEY SO

RHODES H P 10170 Text
FEDORES VD 3502 Ind
FEDORES VD 3500 Mc
FEDOR

ROBINSON GE Jr. 4500 La

ROBENSON GE Jr. 4500 La

ROBENSON H F 750 N C

ROBENSON L F 750 N C

ROBENSON L F 750 N C

ROBENSON H F 750 N C

ROBENSON H F 750 N C

ROBENSON R R 750

SAMPORD LIND 3/190 Melos
SAMPORD LIND 3/190 Melos
SAMPORD PE 9609 Mm
SANDEND SAMPORD PE 9609 Mm
SANDEND SAMPORD ALLE 9600 Mm
SANDEND SAMPORD SAMPORD SAMPORD SAMPORD SAMPORD ALLE 9600 Mm
SANDEND SAMPORD SAM

SCHROEDER + W 8840 Ckla
SCHROEDER + W 8840 Ckla
SCHROEDER + W 8850 Ckey
SCHROEDER + W 1020 Tax
SCHROEDER + W 1020

SHANK MACMED D 379.0 lows

SHANKELAND DL 390.0 bid

SHANKELAND DL 390.0

SIMONS JR 0650 Utch
SIMONS JR 0650 Vtc
SIMONS JR 06

SMITH GL 10310 Tex
SMITH GS 2500 III
SMITH RE 2500 GG
SMITH RE 2500 GG
SMITH RE 2500 MG
SMITH RE 2500 GG
SMITH RE 2500 MG
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SOWELL WE SO ALL
SCHOOL OF STANLEY AND ALL
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STEINBRUBEGGE G W 6510 Nebs
STENNER RJ 9180 R1
STEWART NAY MS 1500 Colo
STEWART RE 9190 Ohlo
STORMSHAK FREDRICK 11680 Wis STRIDER D.L. 730 N.C.
STRIDER D.L. 730 N.C.
STRIDER J.F. 6000 Me.
STRIDER J.F. 6000 Calit
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TALBERT R E 560 Ak
TALBERT R E 5

THOMPSON-TRAVIS

THOMPSON TRAYS

THOMPSON ET 10980 V9
THOMPSON ET 2990 G2
THOMPSON I C 1290 G3
THOMPSON I C 1700 NY
THOMPSON ET 2990 G3
THOMPSON I C 1700 NY
THOMPSON ET 2990 G3
THOMPSON I C 1700 NY
THOMPSON ET 2990 G3
THOMPSON I C 1700 NY
THOMPSON ET 2990 G3
THOMPSON ET 2990 G3
THOMPSON ET 2990 G4
THOMPSON

TRAXLER R N 10070 Tex
TRAYER D D 3920 Kan
TUCKER C L 900 Calif
TYLER H S 3470 Ind
TRAYLOR H D 4400 La
TREANOR KENNETH 2340 Ga
TUCKER C L ARA 4500 La
TYLER H S 7270 N Y
TREANOR L L 9730 Tenn
TREASTER W L 5360 Mich
TUCKER H F S O Ala
TYLER K B 1330 Calif
TYLER K B 1330 Calif
TYLER L E 3250 Ill
TREASTER W L 5360 Mich
TUCKER J M 940 Calif
TYLER L J 7250 N Y
TUCKER J O 11920 Wyo
TYLER M E 2040 Fla
TYLER W L 1610 Wis
Ill
TREECE ANNA J Mrs 9830 Tenn
TREECE ANNA J Mrs 9830 Tenn
TREECE R E 8050 Ohio
TREEDE R E 8230 Ohio
TREEDE R E 8230 Ohio
TREEDE R B 8230 Ohio
TREENBLAY R H 10690 Vt
TRENARY O J 1450 Colo
TRENKLE A H 3640 Iowa
TRENKLE A H 3640 Iowa
TRENKLE A H 3640 Iowa
TRENKLE P D 6490 Nebr
TRENT CURTIS 3970 Kan
TREVETT M F 4770 Me
TREVETT M F 4770 Me
TREVETT M F 4770 Me
TREVILLYAN W H 9710 S Dak
TRIANTAPHYLLOU HEDWIG H Mrs
7510 N C
TRIBBLE L F 5940 Mo
TULL CHRISTINE Mrs 2990 Haw
TUBAL R H 1390 Colo TRIANTAPHYLLOU A C 7490 N C
TRIANTAPHYLLOU A C 7490 N C
TRIANTAPHYLLOU A C 7490 N C
TRIANTAPHYLLOU B M C
TRIBBLE LP 5940 Mo
TRIBBLE MRIE 10140 Tex
TRIBBLE LP 5940 Mo
TRIBBLE MRIE 10140 Tex
TRICKEY N G 6020 Mo
TRIBBLE S 2 3920 Km
TRIBEROLD N 8910 Pa
TRIMBERGER G 807 250 N Y
TRIBBLE MRIE 10140 Tex
TRIBBLE LP 5940 Mo
TRIBBLE MRIE 10140 Tex
TRIBB

VALENTINE BL 9890 Miss

VAN PERFORE B 6410 Nebe

VAN ROEKEL HEMP S 900 Miss

VAN SEALUL WILLARD 300 Au

VAN

WADDINGTON D.V. 9200 Mose
WADDINGTON D.V. 92

WARREN-WELLS

WARREN S Y 720 N Y
WARRENC W C 7400 N C
WAYNER SARA AMS 940 S C
WARREN SARA AMS 940 S C
WAYNER SARA AMS 940 S C
WARREN SARA AMS

WELLS DOROTHY M Ms. 1500 Colo
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WIDCK-WILLSON
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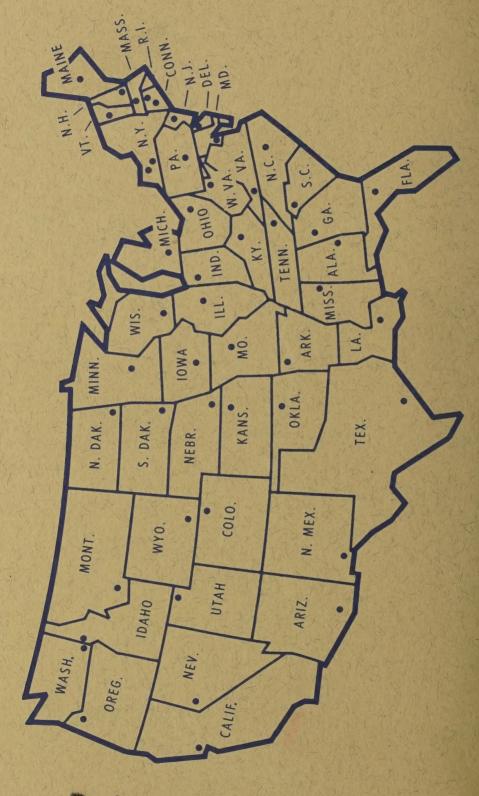
WILSON EVA D Mes 8010 Oho WINCHAM WI S09 Ak WINC

WOODRIGE - ZACHARIAH

WOODRIGE - ZAC

ZACHARY A L 3420 Ind
ZACHARY A L 3420 Ind
ZACK PHYLLIS M 11900 Wyo
ZEMJANIS RAIMUNDS 5650 Minn
ZAHARA M B 1130 Calif
ZAHLER S A 7250 N Y
ZAHRADNIK J W 5060 Mass
ZICHEFOOSE GUY 4290 Ky
ZAITLIN MILTON 350 Ariz
ZAITLIN MILTON 490 Ariz
ZAITLIN MILTON 490 Ariz
ZAJANC ADOLPH 1160 Calif
ZAMARA B 8480 Oreq
ZAK B 8480 Oreq
ZAK B 8480 Oreq
ZAMORA C S 5650 Minn
ZARATA JAIME 8940 P R
ZAUNBRECHER G W 4580 La
ZAVARIN EUGENE 8 20 Calif
ZAVARIN EUGENE 8 20 Calif
ZAYLSKIE J J 7830 N Dak
ZEHNER C E 11610 Wis
ZIMMERMAN L N 8910 Pa
ZEHNER C E 11610 Wis
ZINKE P J 820 Calif
ZMOLEK W G 3640 Iowa
ZOBEL B J 7470 N C
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HEADQUARTERS OF STATE AGRICULTURAL EXPERIMENT STATIONS